Infosys Materials:

Placement pattern for Infosys consists of two rounds:

1 Infosys Written test

2 Infosys Final HR. Clearing the written test implies that the chance of being selected to Infosys is almost done.

The written Test consists of two test patterns:
Aptitude Reasoning Test
No of Questions: 30
Duration: 40 minutes
Verbal ability
No of Questions: 40
Duration: 35 minutes

The Aptitude reasoning test pattern is distributed into 6 different topics with 5 questions each as:

1 Picture Reasoning (5 questions)
In this section, a series of pictures are given which may consist of picture series, picture analogy or picture classification.

2 STATEMENT REASONING(5 Questions)
In this section, sequence questions like seating arrangement or money distribution or height arrangement are given.
A set of five questions are based directly on the statements given.

3. DATA SUFFICIENCY (5 questions)
Here a set of two statements are given followed by 5 options which satisfy the answer for the statements. You have to decide which option best suits the answer.

4. DATA INTERPRETATION (5 questions)
This section consists of a direct sequence of 5 questions based on the data which is provided in the form of table charts, bar charts, pie charts or line charts.

5 RELATION PROBLEM (5 questions)
This section consists of questions which are similar to the sets and relations like students with biology, maths, physics and chemistry, maths and biology, only physics, etc., and questions related as such.
6. SYLLOGISM (5 questions)
This section consists of statement followed by two conclusions. We need to pick out from 5 options which suits the best answer.

The Verbal Ability test pattern is distributed into 5 different topics as:
1. SENTENCE CORRECTION (8 questions)
Among 4 sentences the correct one should be detected

2. UNDERLINED A PART OF SENTENCE AND ASKED TO INSERT CORRECT PHRASE IN IT FROM THE GIVEN 4 OPTIONS (8 questions)

3. FILL IN THE BLANKS (8 questions)

4. THEME DETECTION (6 questions)

5. TWO READING COMPREHENSIONS (10 questions)
Below are the sample test papers for Infosys recruitment process:

PART A SAMPLE TEST PAPER OF APTITUDE REASONING FOR INFOSYS
Questions: 30 Duration: 40 Minutes

Directions (Questions 1-5) Each of the following questions consists of five figures marked A, B, C, D and E called the Problem Figures followed by five other figures marked 1, 2, 3, 4 and 5 called the Answer Figures. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.
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Problem Figures: Answer Figures:

Problem Figures:

Answer Figures:

(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)
A. 1  B. 2  C. 3  D. 4  E. 5  
Ans: C

Explanation: In each step, element at the upper-right position gets enlarged, inverts vertically and reaches the lower-left corner; the existing element at the lower-left position, is lost and a new small element appears at the upper-right position.

2. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.
Problem Figures: Answer Figures:

<table>
<thead>
<tr>
<th>Problem Figures</th>
<th>Answer Figures</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Problem Figures" /></td>
<td><img src="image2" alt="Answer Figures" /></td>
</tr>
</tbody>
</table>

A. 1  B. 2  C. 3  D. 4  E. 5

Ans: B
Explanation: In each step, the elements move in the sequence.

3. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

<table>
<thead>
<tr>
<th>Problem Figures</th>
<th>Answer Figures</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3" alt="Problem Figures" /></td>
<td><img src="image4" alt="Answer Figures" /></td>
</tr>
</tbody>
</table>

A. 1  B. 2  C. 3  D. 4  E. 5

Explanation: In each step, the CW-end element moves to the ACW-end position.

4. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:
Ans: A
Explanation: The ‘x’ moves one step and two steps ACW alternatively and a symbol is added each time it moves one before and the other after alternatively.

5. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:    Answer Figures:

(A)    (B)    (C)    (D)    (E)  (1)    (2)    (3)    (4)    (5)

A. 1  B. 2  C. 3  D. 4  E. 5

Ans: E
Explanation: In each step, the figure rotates ACW and the trapezium gets inverted. The other symbol gets replaced by a new one alternatively.

Directions (Questions 6-10) Each of the following Questions consists of five options. Choose the best option that suits the question given.

6. Nithin was counting down from 32. Sumit was counting upwards the numbers starting from 1 and he was calling out only the odd numbers. What common number will they call out at the same time if they were calling at the same speed?

A. 19  B. 21  C. 22  D. They will not call out the same number  E. None of these.

Ans: D
Explanation: Nithin: 32 31 30 29 28 27 26 25 24 23 22 21 20…..Sumit: 1 3 5 7 9 11 13 15 17 19 21 23 25…Clearly it is seen that they never call out same number at the same time.
7. Radha moves towards South-east a distance of 7 km, then she moves towards West and travels a distance of 14 m. From here, she moves towards North-west a distance of 7 m and finally she moves a distance of 4 m towards East and stood at that point. How far is the starting point from where she stood?

A. 3 m B. 4m C. 8 m D. 10 m E. 11 m

Ans: D

Explanation: The movements of Radha are shown as below:

![Diagram showing Radha's movements]

Clearly Radha’s distance from starting point O = OD = (OC - CD) = (AB - CD) = (14 - 4) m = 10 m

8. In a certain office, 1/3 of the workers are women, ½ of the women are married and 1/3 of the married women have children. If 3/4 th of the men are married and 2/3 rd of the married men have children, what part of workers are without children?

A. 5/18 B. 4/9 C. 11/18 D. 17/18 E. 17/36

Ans: C

Explanation: Let total no. of workers be x

Number of women = x/3 and number of men = 2x/3

Women married = 1/2 * x/3 = x/6

Women having children = 1/3 * x/6 = x/18

Married Men = 3/4 * 2x/3 = x/2

Men having Children = 2/3 * x/2 = x/3

Workers with children = x/3 + x/18 = 7x/18

Hence, workers without children = x - 7x/18 = 11x/18

9. A, P, R, X, S and Z are sitting in a row. S and z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P?

A. P B. A C. X D. S E. Z

Ans: C

Explanation: The seating arrangement is as follows: P X S Z R A

Hence, right of P is X.

10. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?
A. Brother B. Nephew C. Uncle D. son in law E. grand father
Ans: A
Explanation:
The father of the boy's uncle → the grandfather of the boy and daughter of the grandfather → sister of father.

Directions (Questions 11-12): Each Question Given Below has a problem and two statements numbered I and II giving certain Information. You have to decide if the information given in the statements is sufficient for answering the problem. Indicate your answer as (i) if data in statement I alone are sufficient to answer the question; (ii) if data in statement II alone are sufficient to answer the question; (iii) if data either in I or II alone are sufficient to answer the question; (iv) if the data even in both the statements together are not sufficient to answer the question; (v) if the data in both the statements are needed.

11. Is Anil taller than Sachin?
I. Dinesh is of the same height as Arun and Sachin.
II. Sachin is not shorter than Dinesh.
A. i B. iii C. ii D. v E. iv Ans: A
Explanation: From statement I, we can conclude that Dinesh, Arun and Sachin are of same height. So, Arun is not taller than Sachin. So, only statement I is sufficient to answer the question.

12. In a certain code language, ‘13’ means ‘stop smoking’ and ‘59’ means ‘injurious habit’. What is the meaning of ‘9’ and ‘5’ respectively in that code?
I. ‘157’ means ‘stop bad habit’
II. ‘839’ means ‘smoking is injurious’.
A. ii B. iii C. v D. iv E. i Ans: B
Explanation: ‘59’ means ‘injurious habit’ and ‘157’ means ‘stop bad habit’. Hence common letter ‘5’ denotes ‘habit’. Hence ‘9’ is obviously ‘injurious’. So I alone can be sufficient. Also, ‘59’ is ‘injurious habit’ and ‘839’ is ‘smoking is injurious’ from which it can be implied that ‘9’ is ‘injurious’. Hence II alone can also be sufficient. Hence either I or II alone can be sufficient.

Directions (13- 15): In the following problem, there is one question and three statements I, II and III below the question. You have to decide whether the data given in the statements is sufficient to answer the question. Read all the statements carefully and find out the probable pair which can be sufficient to answer the question.
13. Five persons --- A, B, C, D and E are sitting in a row. Who is sitting in the middle?I. B is in between E and C.II. B is to the right of E.III. D is in between A and E.I and II together B. II and III together C. I and III togetherD. I, II and III together E. Data insufficient.Ans: D
Explanation:
From I, the order is E, B, C or C, B, E.
From II, the order is E, B.
From III, the order is A, D, E.
Combining all the three, we get the order as: A, D, E, B, C.
Clearly, E is sitting in the middle.
Hence all the three statements are required.

14. Four Subjects --- Physics, Chemistry, Mathematics and Biology were taught in four consecutive periods of one hour each starting from 8.00 a.m. At what time was the Chemistry period scheduled?I. Mathematics period ended at 10.00 am which was preceded by Biology.
II. Physics was scheduled in the last period.
III. Mathematics period was immediately followed by Chemistry.
Only I B. Only I or II C. Only II D. II and III together.E. I and II together or I and III together
Ans: E
Explanation: From I and II we conclude that Mathematics period began at 9.00 a.m., Biology period began at 8.00 a.m. and Physics period began at 11.00 a.m. So, the Chemistry period began at 10.00 a.m.
From I and III, it is clearly seen that Mathematics period ended at 10.00 a.m. followed by Chemistry to start at 10.00 a.m.

15. How many sons does Sharma have? I. Saurav and Aditya are brothers of Sonali.II. Ayesha is sister of Sharmila and Aditya.
III. Ayesha and Sonali are daughters of Sharma.
A. I and II only. B. II and III together. C. I, II and III togetherD. I, II, III together are not sufficient E. I and III togetherAns: C
Explanation: From I, Saurav, Aditya and Sonali are siblings. From II, Ayesha, Sharmila and Aditya are siblings. It implies that Saurav, Aditya, Ayesha, Sharmila and Sonali are siblings. This is supported by III.

Directions (Questions 16-20): The following table shows the number of new employees added to different categories of employees in a company and also the no of employees from these categories who left the company ever since the foundation of the company in 1995.
16. During the period of 1995 and 2000, the total no of operators who left the company is what percent of the total number of Operators who joined the company?

A. 19%  
B. 21%  
C. 27%  
D. 29%  
E. 32%  
Ans: D

Explanation:
Total no. of operators who left the company during 1996 to 2000 = (104 + 120 + 100 + 112 + 144) = 580.
Total No. of Operators who joined the company during 1996 to 2000 = (880 + 256 + 240 + 208 + 192 + 248) = 2024.

Hence, required Percentage = (580/2024 * 100) = 28.66% = 29%

17. For which of the following categories the percentage increase in the number of employees working in the company from 1996 to 2000 was maximum?

A. Managers  
B. Technicians  
C. Operators  
D. Accountants  
E. Peons.

Ans: A

Explanation:
No. of managers in 1995 = 760
No. of managers by 2000 = (760 + 280 + 179 + 145 + 160 + 193) – (120 + 92 + 88 + 72 + 96) = 1252.
Hence, percentage of increase = (1262-760)/760 * 100 = 64.74% Similarly we can calculate for the rest of employees.

18. What is the difference between total number of Technicians added to the company and total number of Accountants added to the company during the year 1996 to 2000 at the maximum?

A. 128  
B. 112  
C. 96  
D. 88  
E. 72

Ans: D

Explanation: (272 + 240 + 236 + 256 + 288) – (200 + 224 + 248 + 272 + 260) = 88

19. What was the total no. of peons working in the company in the year 1999?

A. 1312  
B. 1192  
C.1088  
D.968  
E.908

Ans: B

Explanation: (820 + 184 + 152 + 196 + 224) – (96 + 88 + 80 + 120) = 1192

20. What is the pooled average of all employees in the year 1997?

A. 1325  
B. 1285  
C. 1265  
D. 1235  
E. 1195

Ans: E
Explanation:
Managers: \((760 + 280 + 179) - (120 + 92) = 1007\)
Technicians: \((1200 + 272 + 240) - (120 + 128) = 1464\)
Operators: \((880 + 256 + 240) - (104 + 120) = 1152\)
Accountants: \((1160 + 200 + 224) - (100 + 104) = 1380\)
Peons: \((820 + 184 + 152) - (96 + 88) = 972\)
Hence pooled average of 5 categories = \((1007 + 1464 + 1152 + 1380 + 972)/5 = 1195\)

**Directions (Questions 21-25):** The following questions are based on the information given. Choose the appropriate answer that suits the question based on the information.

A cube is cut in two equal parts along a plane parallel to one of its faces. One piece is then colored red on the two larger faces and green on remaining. While the other is colored green on two smaller adjacent faces and red on the remaining. Each is then cut into 32 cubes of same size and mixed up. 21. How many cubes have only one colored face each?A. 32 B. 8 C. 16 D. 24 E. 0Ans: C
Explanation:

![Diagram of colored cubes](image)

8 from first half and 8 from second half of the main cube. Hence total of 16 cubes.

22. What is the number of cubes with at least one green face on each?A. 36 B. 32 C. 38 D. 48 E. 40Ans: C
Explanation:
23. How many cubes have two red and one green face on each? A. 16 B. 12 C. 8 D. 4 E. 0 Ans: D
Explanation:

None from I and 4 from II

24. How many cubes have no colored face at all? A. 32 B. 24 C. 16 D. 8 E. 0 Ans: E
Explanation:
There is no cube in all, when all the faces are enclosured.

25. How many cubes have each one red and another green?

A. 0  B. 8  C. 16  D. 24  E. 32

Ans: D

Explanation:

16 from I and 8 from II

**Directions (Questions 26-30):** In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

26. Statements: Some papers are pens. All the pencils are pens.
Conclusions:
1. Some pens are pencils.
2. Some pens are papers.

Only (1) conclusion follows
Only (2) conclusion follows
Both (1) and (2) follow
Either (1) or (2) follows  
Neither (1) nor (2) follows  
Ans: C  
Explanation:

![Diagram showing relationship between Pens, Papers, and Pencils]

Both (1) and (2) follow.

27. Statements: Some dogs are bats. Some bats are cats. Conclusions:  
Some dogs are cats.  
Some cats are dogs  
Only (2) conclusion follows  
Both (1) and (2) follow  
Either (1) or (2) follows  
Only (1) conclusion follows  
Neither (1) nor (2) follows  
Ans: E  
Explanation:

![Diagram showing relationship between Bats, Dogs, and Cats]

None of the two follows.

28. Statements: All the windows are doors. No door is a wall. Conclusions:  
Some windows are walls.  
No wall is a door.  
Either (1) or (2) follows  
Only (2) conclusion follows  
Both (1) and (2) follow  
Neither (1) nor (2) follows  
Only (1) conclusion follows
Ans: B
Explanation:

29. Some actors are singers. All the singers are dancers. Conclusions:
Some actors are dancers.
No singer is actor.
Only (1) conclusion follows
Only (2) conclusion follows
Either (1) or (2) follows
Neither (1) nor (2) follows
Both (1) and (2) follow
Ans: A
Explanation:

30. Statements: All the pencils are pens. All the pens are inks. Conclusions:
All the pencils are inks.
Some inks are pencils.
Only (2) conclusion follows
Only (1) conclusion follows
Either (1) or (2) follows
Both (1) and (2) follow
Neither (1) nor (2) follows
Ans: D
Explanation:
Questions: 40 Duration: 35 Minutes

Directions (Questions 1-8): Which of phrases given below each sentence should replace the phrase printed in bold type to make the grammatically correct? If the sentence is correct as it is, mark 'E' as the answer.

1. You need no\textit{t} come unless you want to.
   A. You don't need to come unless you want to
   B. You come only when you want to
   C. You come unless you don't want to
   D. You needn't come until you don't want to
   E. No correction required
   Ans: A

2. They were all shocked at his failure in the competition
   A. were shocked at all
   B. had all shocked at
   C. had all shocked by
   D. had been all shocked on
   E. No correction required
   Ans: E

3. Despite of their differences on matters of principles, they all agree on the demand of hike is salary?
   A. Despite their
   B. Despite of the
   C. Despite for their
D. Despite off their
E. No correction required

Ans: A

4. He is a singer of repute, but his yesterday's performance was quite disappointing.
A. performances of yesterday were
B. yesterday performance was
C. esterday performance were
D. performances about yesterday were
E. No correction required
Ans: E

5. The crime has grown rapidly in Russia since the disintegration of the communist system.
A. rapid crime has grown
B. crime has grown rapidly
C. crime grow rapidly
D. crimes have been rapidly grown
E. No correction required
Ans: B

6. My hair stood off ends when I saw the horrible sight.
A. stood at ends
B. tood on ends
C. stood to ends
D. stands on ends
E. No correction required
Ans: B

7. The crops are dying; it must not had rained.
A. must had not
B. must not be
C. must not have
D. must not have been
E. No correction required

Ans: C

8. The intruder stood quietly for few moments
A. for few time
B. for the few moments  
C. for moments  
D. for a few moments  
E. No correction required

Ans: D

Directions (Questions 9-16): In questions given below, a part of the sentence is italicized and underlined. Below are given alternatives to the italicized part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer.

9. If the room had been brighter, I would have been able to read for a while before bed time.  
   A. If the room was brighter  
   B. If the room are brighter  
   C. Had the room been brighter  
   D. No improvement  
   Ans: C

10. If you are not clear about the meaning of a word, it is wise to look to a dictionary.  
   A. look for  
   B. look at  
   C. look up  
   D. No improvement  
   Ans: C

11. There is no more room for you in this compartment.  
   A. there is no more seat  
   B. there is no more space  
   C. there is no more accommodation  
   D. No improvement  
   Ans: B

12. More than one person was killed in accident.  
   A. were killed  
   B. are killed
C. have been killed
D. No improvement
Ans: A

13. Every time I go in a lift to my sixth floor apartment, I remember the calm and serenity of my ancestral home in the village.

A. move in a lift
B. ascend in a lift
C. take a lift
D. No improvement
Ans: C

14. My friend was in hospital for a week after an accident.

A. through
B. following
C. for
D. No improvement
Ans: B

15. If you are living near a market place you should be ready to bear the disturbances caused by traffic.

A. to bear upon
B. to bear with
C. to bear away
D. No improvement
Ans: B

16. In India today many of our intellectuals still talk in terms of the French Revolution and the Rights of Man, not appreciating that much has happened since then.

A. much has been happening
B. much had happened
C. much might happen
D. No improvement
Ans: D
Directions (Questions 17-24): Pick out the most effective word(s) from the given words to fill in the blank to make the sentence meaningfully complete.

17. Catching the earlier train will give us the ...... to do some shopping.
   A. chance
   B. luck
   C. possibility
   D. occasion
   Ans: A

18. Many of the advances of civilization have been conceived by young people just on the ...... of adulthood
   A. boundary
   B. threshold
   C. peak
   D. horizon
   Ans: B

19. If I take a state roadways bus, I'll get late...?
   A. isn't it
   B. won't I
   C. will I
   D. s it
   Ans: B

20. The paths of glory lead ...... to the grave.
   A. straight
   B. but
   C. in
   D. directly
   Ans: B

21. Wheat ...... carbohydrates, vitamins, proteins, and dietary fibre in our daily diet.
   A. has
   B. gives
   C. yields
D. provides
Ans: C

22. ....... all intents and purposes, the manager is the master of the firm.
A. in
B. upon
C. with
D. to
Ans: D

23. He ...... in wearing the old fashioned coat in spite of his wife's disapproval.
A. insists
B. persists
C. desists
D. resists
Ans: B

24. We shall not to be able to use your ability in court unless we can find someone to ...... to statements.
A. corroborate
B. avouch
C. verify
D. approve
Ans: A

Directions (Questions25-30): Each of the following questions contains a small paragraph followed by a question on it. Read each paragraph carefully and answer the question given below it.

25. Due to enormous profits involved in smuggling, hundreds of persons have been attracted towards this anti-national activity. Some of them became millionaires overnight. India has a vast coastline both on the Eastern and Western Coast. It has been a heaven for smugglers who have been carrying on their activities with great impunity. There is no doubt, that from time to time certain seizures were made by the enforcement authorities, during
raids and ambush but even allowing these losses the smugglers made huge profits.

The passage best supports the statement that

A. Smuggling hampers the economic development of a nation.
B. Smuggling ought to be curbed.
C. Authorities are taking strict measures to curb smuggling.
D. Smuggling is fast increasing in our country owing to the quick profit it entails.

Ans: D

26. Industrial exhibitions play a major role in a country's economy. Such exhibitions, now regularly held in Delhi, enable us to measure the extent of our own less advanced industrial progress and the mighty industrial power and progress of countries like the U.K., U.S.A. and Russia whose pavilions are the centers of the greatest attention and attractions.

The passage best supports the statement that industrial exhibitions

A. Greatly tax the poor economies.
B. Are more useful for the developed countries like U.S.A. whose products stand out superior to those of the developing countries.
C. Are not of much use to the countries that are industrially backward.
D. Boost up production qualitatively and quantitatively by analytical comparison of a country's products with those of the developed countries.

Ans: D

27. It is up to our government and planners to devise ways and means for the mobilization of about ten crore workers whose families total up about forty crore men, women and children. Our agriculture is over-manned. A lesser number of agriculturists would mean more purchasing or spending power to every agriculturist. This will result in the shortage of man-power for many commodities to be produced for which there will be a new demand from a prosperous agrarian class. This shortage will be removed by surplus man-power released from agriculture as suggested above.

The passage best supports the statement that:
A. Employment in production is more fruitful than employment in agriculture.
B. Indian economy is in a poor shape basically due to improper mobilization of man-power.
C. A shift of labour from agricultural sector to the industrial sector would uplift the living standard.
D. The industrial sector is labour-deficient while the agricultural sector is over-manned in our country.

Ans: B
28. The only true education comes through the stimulation of the child's powers by the demands of the social situations in which he finds himself. Through these demands he is stimulated to act as a member of a unity, to emerge from his original narrowness of action and feeling, and to conceive himself from the standpoint of the welfare of the group to which he belongs.

A. The passage best supports the statement that real education - A.
   B. Will take place if the children imbibe action and feeling.
   C. Will take place if the children are physically strong.
   D. Is not provided in our schools today.
   Ans: D

29. The virtue of art does not allow the work to be interfered with or immediately ruled by anything other than itself. It insists that it alone shall touch the work in order to bring it into being. Art requires that nothing shall attain the work except through art itself.

This passage best supports the statement that:
A. Art is governed by external rules and conditions.
B. Art is for the sake of art and life.
C. Art is for the sake of art alone.
D. Artist realizes his dreams through his artistic creation.

Ans: C

30. The attainment of individual and organizational goals is mutually interdependent and linked by a common denominator - employee work motivation. Organizational members are motivated to satisfy their personal goals, and they contribute their efforts to the attainment of organizational objectives as means of achieving these personal goals.

The passage best supports the statement that motivation -
A. Encourages an individual to give priority to personal goals over organizational goals.
B. Is crucial for the survival of an individual and organization.
C. Is the product of an individual's physical and mental energy?
D. Is the external force which induces an individual to contribute his efforts?

Ans: A

Directions (Questions 31-40): The following section consists of two passages followed by set of questions. Read the passage thoroughly and answer the
In the world today we make health and end in itself. We have forgotten that health is really means to enable a person to do his work and do it well. A lot of modern medicine and this includes many patients as well as many physicians pays very little attention to health but very much attention to those who imagine that they are ill. Our great concern with health is shown by the medical columns in newspapers. The health articles in popular magazines and the popularity of television programmers and all those books on medicine. We talk about health all the time. Yet for the most part the only result is more people with imaginary illness. The healthy man should not be wasting time talking about health: he should be using health for work. The work does the work that good health possible.

31. Modern medicine is primarily concerned with
A. promotion of good health
B. people suffering from imaginary illness
C. people suffering from real illness
D. increased efficiency in work
Ans: B

32. The passage suggests that
A. health is an end in itself
B. health is blessing
C. health is only means to an end
D. we should not talk about health
Ans: C

33. Talking about the health all time makes people
A. always suffer from imaginary illness
B. sometimes suffer from imaginary illness
C. rarely suffer from imaginary illness
D. often suffer from imaginary illness
Ans: D

34. The passage tells us
A. how medicine should be manufactured
B. what healthy man should or should not do
C. what television programmers should be about
D. how best to imagine illness
Ans: B

35. A healthy man should be concerned with
A. his work which good health makes possible
B. looking after his health
C. his health which makes work possible
D. talking about health
Ans: A

(36-40): Organizations are institutions in which members complete for
status and power. They compete for resource of the organization, for example finance to expand their own departments, for career advancement and for power to control the activities of others. In pursuit of these aims, grouped are formed and sectional interests emerge. As a result, policy decisions may serve the ends of political and career systems rather than those of the concern. In this way, the goals of the organization may be displaced in favor of sectional interests and individual ambition. These preoccupations sometimes prevent the emergence of organic systems. Many of the electronic firms in the study had recently created research and development departments employing highly qualified and well paid scientists and technicians. Their high pay and expert knowledge were sometimes seen as a threat to the established order of rank, power and privilege. Many senior managers had little knowledge of technicality and possibilities of new developments and electronics. Some felt that close cooperation with the experts in an organic system would reveal their ignorance and show their experience was now redundant.

36. The theme of the passage is
A. Groupism in organizations
B. Individual ambitions in organizations
C. Frustration of senior managers
D. Emergence of sectional interests in organizations
Ans: D

37. "Organic system" as related to the organization implies its
A. growth with the help of expert knowledge
B. growth with input from science and technology
C. steady all around development
D. natural and unimpeded growth
Ans: B

38. Policy decision in organization would involve
A. cooperation at all levels in the organization
B. modernization of the organization
C. attracting highly qualified personnel
D. keeping in view the larger objectives of the organizations
Ans: C

39. The author makes out a case for
A. organic system
B. Research and Development in organizations
C. an understanding between senior and middle level executives
D. a refresher course for senior managers
Ans: A

40. The author tends to the senior managers as
A. ignorant and incompetent
B. a little out of step with their work environment

Infosys visited our campus on October 21-October 21, 2013, for 2014 Batch. All eligible students assembled in college assembly hall-CSE, IT MCA & MTECH LABS.

Company HR gave a brief picture of the recruitment procedure. In my college the recruitment program starts around 9.30 am.

Infosys has their own selection procedure. Here I'm sharing my Infosys recruitment experiences.

Infosys Recruitment Drive on October 21, 2013. Time 9.00 am

**Infosys Selection Procedure**

**First Section : Infosys PPT**

Company HR done PPT Session. It takes around 60 minutes programme.

Gave brief details of Infosys short picture.

**Second Section : Infosys on line test - It has two sections**

1. Test Section-1-Arithmetical reasoning and analytical thinking for batch one-Time limit - 40 minutes.

2. Test Section-2 - Test of communicative English-35 minutes.

Picture reasoning syllogism questions, verbal ability refer previous years questions......well prepared in aptitude reasoning and communicative English questions.

After clearing written test.

Next procedure is interview session.
it was very nice

**Infosys technical hr interview was easy**

some questions about

projects-in detail

Image compression techniques

what do you mean by professionalism

Hr questions

about family

aims and ambitions

relocate

and some other usual questions

Hi Im jag Infosys came to our college 8th,9th of October 2013, Here Iam sharing my Infosys recruitment experience with you guys.. There were around 700 candidates from all branches attended the interview.. Of which around 150 for technical Hr and finally 48 were placed

Infosys this years new placement procedure conducting through all over India in different campuses

Infosys Hindustan University on October 8th 9th 2013

Infosys Initially a inaugural function was there. In which people from Infosys came and briefed about the company.

After that Infosys written exam section

Infosys written exam no negative marking ,total 70 questions in 70 minutes Questions were analytical reasoning and verbal reasoning It is an Infosys on line exam. you have lloking all the questions .. We can go back and change option if we want .We can solve whatever question we would like to solve..

There was sectional cut off.not revela the actual cut off It depends on the number of candidates attending the interview

**For Infosys on line recruitment test the topics you have to concentrate and study in Analytical reasoning were:**

1. Puzzles.
2. Data sufficiency.
4. Statement reasoning (seating arrangement).
5. Picture reasoning.
6. Data interpretation.

5 question each. So once you are done with your Analytical exam, you have to press finish button, then your verbal ability exam would start.

Now in the verbal part, these are the contents.

1. Sentence correction-8 questions.
2. Fill in the blanks-10 questions.
3. Theme detection-6 questions.
4. 2 reading comprehension-10 questions.
5. Jumbled sentences-6 questions.

I had done my exams well, and was keeping my fingers crossed for the results. As it became very late they told they will the results through phone calls, we went home. As soon as I reached my home at 8.30 I received the call. I was very much happy hearing that i got selected for second round.

Infosys Technical and Hr Interview was the very next day October 9th 2013

**We had technical HR. I was the last candidate to attend the HR interview actually.**

It was around 5.30 in the evening.

My friends from other department just got questions from their resume. But myself and my friend from IT stuffs got all technical.

My HR was quite friendly person.

He started with a usual question Tell me about yourself? (be prepared for it always)based on my resume about my paper presentation projects, major projects, aims

hobbies

Why infosys

why should I Hire you

where will you after 5 years and so on

All the procedure went for 45 minutes

Finally they announced the result by 7 P.M. The first name which they read is mine. I was very much. Most wonderful moment of my life. Hope my experience will be useful for u too. All the very best.

**This is the end of this my experience in Infosys recruitment sharing Infosys placement paper for your guys Im also part of ifosys**

**Infosys selection procedure ( 3 rounds) from nirma univ. oct 2013**

**Day 1........**

**ROUND 1 APTITUDE (75 mins) online test**

section A was logical/analytical skills

section B was verbal

(same pattern was followed, as given by other contributors of fresher world)
Day 2................
ROUND 2 TECHNICAL INTERVIEW
1. qualifications
2. each and every project in detail (with diagram, work flow, project definition/objective)
3. difference between static and auto variable in c based on scope/lifetime and default value)
4. why static & auto have different scope
5. image compression techniques
6. diff b/w agile, waterfall, spiral process models,, based on time taken and risk factor
7. will you relocate?
8. how will you act in a team? example of team work? your behaviour/attitude while working a member of a team
9. what do you mean by professionalism
10 any ques you want to ask me

ROUND 3 HR INTERVIEW
1. about family, btech college, weather
2. why did you do mtech instead of job after btech
3. relocate?
4. your experience as a team member in your project,, how did you manage/ organize etc etc during your project..(he wanted to know about my attitude, behaviour etc with my team during my project) no technical info
5.any ques you want to ask me

Infosys new latest Off and On campus recruitment procedure, written test pattern, Infosys technical Hr interview process shared by students in Toc H Engg college Kerala Cochin

Infosys new pattern placement papers, candidate experiences, question papers

Infosys came to our college in October 30th -2013 for Infosys 2014 batch. Infosys eligibility criteria was 68% aggregate in B-Tech with no active backlogs. Their Recruitment procedure first sections PPT followed by PPT Infosys online aptitude test, technical hr interview

Infosys First Section -Infosys PPT

In this section they give an all round idea of Infosys. About Infosys company ,their history an outlook of Infosys. Give an overview of Infosys organization. So listen carefully each part of the PPT,because in interview time some questions may be asked based on PPT some points about Infosys company profile and history I mentioned is that Infosys is an Indian multinational provider of business consulting, information technology, software engineering
and outsourcing services. It is headquartered in Bengaluru, Karnataka. Infosys CEO: S. D. Shibulal. Founded: July 2, 1981, Pune, India. Infosys

Founders: N. R. Narayana Murthy, Nandan Nilekani, Kris Gopalakrishnan. These are all brief ideas about Infosys

After PPT section of Infosys - **Infosys aptitude on line test**

Infosys on line Aptitude Test Pattern and procedure for new campus recruitment

In my college around 150 eligible candidate including me participated on line aptitude test. Infosys on line aptitude test details below:

Infosys written test has 2 sections Logical and verbal. The test was little bit tough. Regular study and practice will make you get through this easily.

Sectional cut off is there in test. Infosys Logical sections had

1. Data Sufficiency.
2. Picture series.
3. Data interpretation.
4. Verbal reasoning. questions from syllogism, interpretation, data sufficiency, visual reasoning, cuboid problems etc.

It had 35 questions in 40 minutes, need lot of practice. Then comes Verbal where you have to answer 40 questions in 30 minutes.

Bit tough practice as much as on line tests, learn and study tips to crack aptitude, reasoning and math's speed tests. Go through fresher's worlds largest collection of sample placement papers and Infosys previous years free solved sample and model questions papers. Refer and practice Infosys free mock on line tests and Infosys question banks.

It has:

1. 2 paragraphs: don't read the whole thing, read questions and answer accordingly.
2. Filling blanks with appropriate sentence correction.
3. Ordering of sentences: You should really focus because it could be confusing.
4. Spotting errors.
5. Selecting words.

This section was reason for the elimination for many. So, pay attention.
In our campus, 150 students attempted written and As only 37 were shortlisted my interview longed for 20 minutes.

**Infosys next sections was interview-Infosys Technical HR Interview procedure**

Infosys asked interview questions are

About Infosys

Aims

Your Achievements

Strength weakness

Hobbies

Leadership, teamwork

projects, why IT field after opting ECE, willing to relocate, trends in EC and IT, seminar, inspiration, experiences during camp, examples for my strengths in the resume, an incident which put a lot of effort but was a failure, about planning, leadership qualities needed etc.

**summary of infosys new campus interview procedure and placement papers**

He didn't ask any technical questions. Be thorough with your resume. But technical questions about C and C++ were asked for my friends.

Well it depends on that particular HR. So just go through the basics of C and C++.

Just remember to keep smiling, be confident and look natural. Even though I did not have technical, many people were asked questions on C, so be prepared. These are all my interview experiences in Infosys By Gods grace parents blessing become in Infosys my dream company .....These are all Infosys this years Off and on Campus recruitment procedure and my candidate experiences This will help you for your upcoming Infosys campus selection preparations

**INFOSYS NEAR PATTERN TEST : ENGLISH**
Supernatural events have always held a fascination for mankind. At various times in history, men have claimed to possess extraordinary mental or psychic powers, such as the ability to see ghosts or spirits, to talk with the dead and to foretell the future. Scientists have ignored such claims as fictitious and unscientific. But as reports of such phenomena continued to pour in from all quarters, psychologists were forced to take notice of them. In 1882 professor Sidgwick founded the Society for Psychical Research. The aim of this society was to gather anecdotes and stories of psychic phenomena that could not be explained by the law of nature. Since then the study of such phenomena has gained some importance. It is known by the name of parapsychology. When people have ability to 'communicate' without the aid of their senses, they are said to possess extra-sensory perception (ESP). Psychologists divide ESP into four types. The first is telepathy or thought transference. In telepathy a person is able to communicate with another who may be far away. A soldier on the battle front receives a message from his wife, or a father hears a call for help from his son who is far away. Stories like those have been recorded and investigated by psychologists. Another type of ESP is clairvoyance, the ability to see, or otherwise be aware of events, persons or things not known to anyone else. A clairvoyant person may be able to locate a document that is hidden in a secret place or to find a missing child. The third type of ESP is precognition, the ability to foresee what is going to happen in future. Finally there is psychokinesis (PK) the power of mind over matter: a person having this ability will be able to move objects or displace them without touching them. The scientist who has done most to study these phenomena is professor J.B. Rhine of Duke University in America. He started with a study of clairvoyance from the written records of communication with spirits. He also conducted tests with mediums, men or women who had the power to establish contact with spirits. But he could not get sufficient evidence to accept such phenomena as scientific.

Rhine then went to conduct more practical tests in controlled conditions. He made use of cards to test people who claimed to be clairvoyant. He used 25 cards in which 5 different colours and 5 different figures were used. The subject (the person who was being tested) was asked to guess the figure or the colour on the card. The statistical probability of guessing right was calculated and found to be 1 in 5. If any person consistently guessed more than 1 in 5, he probably had ESP. Rhine published the results of his study in 1937 under the title, "New Frontiers of the Mind". This publication led to a big controversy among psychologists. Many of them still viewed parapsychology with scepticism. The position today is that ESP is accepted by about 10 per cent of psychologists and rejected by another 10 per cent. The remaining 80 per cent feel that the evidence now available is insufficient. In the meantime authentic reports of ESP continue to come. Ingo Swann was able to copy with remarkable accuracy figures that were placed on a shelf above her head, clearly out of range other vision. Examples of psychokinesis have come from different places. Madame Kulagine of Russia moved matches that were scattered on a table into one heap without touching them. In 1971 Uri Geller created a sensation when he showed that he was able to bend or displace pieces of metal by the power of his mind.

1. If you have to talk about the main point from the first paragraph, you would say
a. Supernatural Events
b. Professor Sidgwick’s Contribution
c. Para Psychology-Answer
d. Law of Nature

2. What is ESP in one word?
a. Telepathy
b. Clairvoyance
c. Communicate
d. Perception - **Answer**

3. ESP is accepted by about
a. 80 per cent of psychologists.
b. 10 per cent of psychologists. - **Answer**
c. 20 per cent of psychologists.
d. 90 per cent of psychologists.

4. The scientist who has done most to study these phenomena is
a. J.B. Rhine - **Answer**
b. Ingo Swann
c. Sidgwick
d. Madame Kulagine

5. In the year _______ Uri Geller created a sensation when he showed that he was able to bend or displace pieces of metal by the power of his mind.
a. 1937
b. 1971 - **Answer**
c. 1882
d. 1961

**Passage 2**

When a young student from Chandigarh was told that he had developed a tumour in a critical area of the brain and worse, that it was too dangerous to perform surgery in the area, paralysis and eventual death seemed to be his fate. Until doctors at Apollo Hospital, Hyderabad, told him about a revolutionary treatment, radio-surgery which eradicates deep-seated lesions in the most critical areas of the brain without opening the skull. He is now in Sweden awaiting treatment and a return to a completely normal life.

A Swedish doctor, Lars Leskell, developed radio surgery, or the destruction of diseased brain tissue through the delivery of a concentrated dose of radiation to pinpointed area in the brain. Since brain tissue, unlike tissue elsewhere in the body, does not regenerate itself, mistakes in neurosurgery can be crippling and permanent. Leskell first conceived the idea of radio surgery and after two decades of research to identify the ideal radiation source and equipment, developed the Gamma knife in 1968. While the procedure takes on the three hours, actual treatment time in the Gamma knife unit is 10 to 20 minutes. The patient's head is positioned in a helmet which places the radiation target at the exact point of intersection of 201 cobalt 60 beams. At this point of convergence, enough radiation is delivered to destroy deceased tissue without affecting the adjacent normal tissue. Radiation is precisely delivered to the affected tissue and the dose absorbed by surrounding cerebral tissue is minimal. In 1968, the first Gamma knife was installed at the Karolinska Institute, Stockholm. A second Gamma knife was installed at the institute in 1974. The Gamma knife however, came into its own following the development of sophisticated imaging techniques. "Today there are around 15 units in use of leading institutions all over the world, while 15 are now being installed," says Percy Shroff, manager of the India operations of Elekta Instrument AB, Sweden that manufactures medical equipment in the field of neuroscience.

"No such systems have been installed in India which has led quite a few patients to seek the treatment overseas. Taking India's patient population, the number of cases for which the treatment is suitable would be around 100 per million," reckons Shroff. At Rs. 12 crore, the Gamma Knife is a hefty investment but one that is cost-saving in the long-run. Treatment costs are reduced by 30 per cent to 70 percent as compared to conventional surgery. Furthermore, the hidden costs of prolonged convalescence after open surgery of the brain are eliminated since the patient leaves hospital the same day or a day after treatment. The producer is virtually painless as there is no incision nor any need for general anaesthesia. "Not only is the patient spared the pain, he is also spared the problems associated with traditional invasive surgery such as bleeding, infection, formation of scar tissue and lengthy hospitalisation and convalescence" says Dr.
Keki E. Turel, consultant neurosurgeon and professor of neurosurgery, Mumbai Hospital Institute of Medical Sciences. Given the cost benefits, the Gamma knife is a suitable option for Government hospitals. In China, it has been installed in four large public hospitals where treatment is provided at a cost of $3000 to $5000 compared to $20,000 to $25,000 in the US 10,000-15,000 in Japan and Europe.

Neurosurgeons in India expect to make the treatment available at the same cost as in China. The continuing refinement of imaging techniques has correspondingly increased the potential applications of the Gamma knife, with further development. It can be used to ameliorate the symptoms of Parkinson's diseases, and provided relief to patients suffering from intractable pain neurolgia, psychoneurosis and epilepsy. Already of the 21,428 cases treated worldwide around 2 percent account for such therapy. Tumors account for 62 percent of treatments which malformations of blood vessels account for 36 percent. With on going research, the applications of the Gamma knife should spread to the other specialties also. Research related to inner ear and retinal cancers is currently underway.

6. The gamma knife reduces the cost of treatment of brain tumour by
   a. 80% to 90%.
   b. 20% to 80%.
   c. 30% to 70% - Answer
   d. By 50%.

7. In China, the treatment through gamma knife costs
   a. $3,000.00 to $5,000.00 - Answer
   b. $20,000.00 to $25,000.00
   c. $10,000.00 to $15,000.00
   d. $10,000.00 to $17,000.00

8. Consultant Neuro surgeon, Mumbai hospital Institute of Medical Science, is ___ (as mentioned in the passage)
   a. Lars Leskell.
   b. Keki.E. Turel - Answer
   c. Percy Shroff.
   d. N. Eziekel.

9. The first gamma knife was installed in
   a. Karolinska Institute - Answer
   b. Apollo Hospital
   c. Mumbai Hospital Institute of Medical Science
   d. Elekta Instruments

10. Gamma knife is use to cure
    a. Parkinson's Disease
    b. Epilepsy
    c. Brain Tumour - Answer
    d. Neurolgia

**Directions for questions 11-20: Fill in the blanks with the appropriate choice**

11. Latin America has for long been a forgotten wasteland .......... Indian foreign policy
    a. to the politics controllers
    b. to the politics controllers by
    c. to the political controllers by
    d. to the politics controllers in - Answer

    a. Intelligence investors make their move
    b. Intelligence investors make its move
    c. Intelligent investors make their moves - Answer
    d. Intelligent investors make their move
13. Hakeem said the Muslims had been overlooked in..............
a. earlier peace bids which ended in disaster-Answer  
b. earliest peace bids which ended in disaster  
c. early peace bids which ended in disaster  
d. earlier peace birds which end in disaster

14. The speaker was so ......and elaborate that the audience started getting fidgety  
a. terse 
b. prolix -Answer  
c. curt 
d. brief

15. The Asian Games concluded with a colorful...............,, in which, in addition to the athletes and players, a number of artists also participated.  
a. ovation  
b. tablet  
c. pageant -Answer  
d. finale

16. She.....her talents at the National School of dramatics.  
a. fine-tuned -Answer  
b. stupefied  
c. abraded  
d. downgraded

17. This sort of an aggressive attitude would only serve to .........the supporters you already have.  
a. encourage  
b. exhort  
c. alienate -Answer  
d. cooperate

18. Focus on solving the refugee problems and drawing plans for .............development was less evident.  
a. short-range  
b. sustainable -Answer  
c. needless  
d. merit

19. The groups were feared but at the same time ......by the locals  
a. revered -Answer  
b. detested  
c. rebelled  
d. loathed

20. ...................; the logo and the product were repeatedly flashed with jingle that dinned the name into our heads  
a. There was a time when visual advertising styles was blatantly direct-Answer  
b. It was this kind of advertising that paved the way.  
c. There was no escape from the bombardment  
d. Similar products are clubbed together by a brand inspired generic name

(Directions for questions 21-25):  
In each of the question given below. one or more statement is/are followed by inferential conclusions. The conclusion. which can be derived without supposing anything else. i.e.. without adding anything extra to the statement (s). is your answer.

21. Statement:  
The Education Secretary said that it was extremely necessary that the professional researchers along with practical school teachers conduct the practical research.
Conclusions:
(a) Practicing teachers know the technique of research.
(b) Professional researchers are quite aware of the problems related to the school education.
(c) Educational Secretary was speaking to the school students.
(d) There is a communication gap between researchers and the practicing school teachers.
(e) School education is quite a specialized field and so long as teacher is not trained, the standard of education cannot be qualitatively better.-Answer

22. Statement:
Vehicular source contributes 60% to the total pollution level of Delhi, as informed in the Rajya Sabha today.

Conclusions:
(a) The court has ordered that the main source of pollution should be identified.
(b) The problem of pollution is high in the work list.-Answer
(c) In the other cities also, vehicular source contributes around the same percentage level of pollution.
(d) This matter was raised first in the Lok Sabha.
(e) Not many towns in India face the problem of pollution.

23. Statement:
PVC shoe producers union has welcomed the announcement of relief on production surcharge from Rs. 50 per pair to Rs 75 per pair.

Conclusions:
(a) All PVC shoe producers are members of this union.
(b) Relief on production surcharge of Rs 50 on every pair to shoes, had been given only recently.
(c) Union had demanded an increase in relief.-Answer
(d) Govt. will collect more production surcharge.
(e) Other producers will also demand relief on production surcharge.

24. Statement:
There are chances of hike in the electricity tariff soon. This proposal will bring about a sharp increase for the industrial consumers and marginal increase for the domestic consumers.

Conclusions:
(a) At present there is a disparity in the electricity tariff between the domestic and the industrial consumers.
(b) Industrial consumers consume more electricity than the domestic users.
(c) Consumption of electricity by the industrial consumer is comparatively lower than the domestic user.
(d) After this hike, the electricity board will start making profit.-Answer
(e) If this proposal is accepted, then industrial output will get positively affected.

25. Statement:
State government imposes a monthly tax on the salary of all the employees. The tax amount varies according to the income slab. The Central govt. also imposes tax on the same income, which is known as the income tax. This is against the theory of taxation.

Conclusions:
(a) A regular collection, irrespective of the income slab, by the Central govt. is the income tax.
(b) The Central govt. should not collect any tax on income.
(c) Income tax should not vary according to the income slabs.
(d) Tax should be imposed only once on an individual.-Answer
(e) The State govt. should not impose any tax on income.

Directions for Questions 26-30
Mark (1) if the 1st underlined word/phrase has error.
Mark (2) if the 2nd underlined word/phrase has error.
Mark (3) if the 3rd underlined word/phrase has error.
Mark (4) if the 4th underlined word/phrase has error.
Mark (5) if the sentence has NO ERROR

26. She wore a dress to the party that was more attractive than the other girls. D--Answer

27. If I would have been there, I certainly would have taken care of the problem. A--Answer

28. Unless there can be some assurance of increased wages, workers morale all ready low, will collapse C--Answer

29. No sooner had he began to speak when the opposition members started shouting slogans. A--Answer

30. Each of the hotel’s 150 rooms were equipped with central air-conditioning and colour television. B--Answer

Directions for questions 31-35: Select the pair of words, which do have a relationship similar to the relationship between the given pair.

31. NOCTURNAL: BAT
   (a) amphibian: frog -Answer
   (b) sly: cat
   (c) carnivorous: cow
   (d) aquatic: lizard

32. TETHER: COW
   (a) trap: rat
   (b) manacle: man-Answer
   (c) aerial: radio
   (d) ring: finger

33. FOOT: FINGERS
   (a) bottom: top
   (b) finger: thumb
   (c) pedal: handicap
   (d) pedicure: manicure-Answer

34. NATURAL: SYNTHETIC
   (a) hypothesis: conclusion
   (b) cotton: wool-Answer
   (c) fragrance: perfume
   (d) honey: sugarcane

35. MOVING: STATIC
   (a) rain: cloud
   (b) glacier: snow-Answer
   (c) river: alluvium
   (d) dynamics : electronics

INFOSYS NEAR PATTERN TEST: APTITUDE REASONING

Infosys Sample placement paper for learn and practice for upcoming recruitment in 2013-2014
Directions for Questions 1-2: Answer the Questions based on the information given below

Seven university cricket players are to be honored at a special luncheon. The players will be seated on the dais along one side of a single rectangular table.

♦ A and G have to leave the luncheon early and must be seated at the extreme right end of the table, which is closest to the exit.
♦ B will receive the Man of the Match award and must be in the center chair.
♦ C and D who are bitter rivals for the position of wicket keeper, dislike one another and should be seated as far apart as possible.
♦ E and F are best friends and want to sit together.

1. Which of the following may not be seated at either end of the table?
   (a) C
   (b) D
   (c) G
   (d) F

2. Which of the following pairs may not be seated together?
   (a) E and A
   (b) B and D
   (c) C and F
   (d) G and D

Directions for Questions 3-4: Answer the Questions based on the information given below

A, B, C, D, E and F are a group of friends from a club. There are two housewives, one lecturer, one architect, one accountant and one lawyer in the group. There are two married couples in the group. The lawyer is married to D who is a housewife. No lady in the group is either an architect or an accountant. C, the accountant, is married to F who is a lecturer. A is married to D and E is not a housewife.

3. What is the profession of E?
   (a) Lawyer
   (b) Architect
   (c) Lecturer
   (d) Accountant

4. How many members of the group are male?
   (a) 2
   (b) 3
   (c) 4
   (d) NOT

5. Three friends went to a restaurant. After dinner, they paid their bill and noticed a bowl of mints. Sita took 1/3 of the mints, but returned 4. Fatima took 1/4 of what left but returned three. Eswari then took half of the remaining but returned 2. The bowl had only 17 mints left. How many mints were there originally in the bowl?
   (a) 38
   (b) 31
Directions for questions 6 to 10: In the figures given below, C and D should follow the same logical relation as A and B. Find the appropriate picture from the list in the answer figures that can take the place of D (?)

**Answers 6-3/7-1/8-2/9-2/10-2**

Directions for questions 11 to 13

The owner of the mansion has been murdered. The visitors of the mansion were Aditya, Vijay and Puneet. The following additional information is also given:

(i) The murderer, who was one of the three visitors, arrived at the mansion, later than at least one of the other two visitors.

(ii) A detective, who was one of the three visitors, arrived at the mansion earlier than at least one of the two visitors.

(iii) The detective arrived at the mansion at mid-night.

(iv) Neither Aditya nor Vijay arrived at the mansion after mid-night.

(v) The earlier arriver between Vijay and Puneet was not the detective.

(vi) The later arriver between Aditya and Puneet was not the murderer.
11. Who arrived at the mansion earliest?
   (a) Puneet
   (b) Aditya
   (c) Vijay - Answer
   (d) Data insufficient

12. Who is the murderer?
   (a) Puneet
   (b) Aditya - Answer
   (c) Vijay
   (d) Data insufficient

13. Who is the detective?
   (a) Puneet
   (b) Vijay
   (c) Aditya - Answer
   (d) Data insufficient

14. Ten children are sitting at a table. What is the average age of 10 children?
   I. The average age of 6 youngest children is 12 years.
   II. The average age of 4 older children is 16 years.
3- Answer

15. What are the speeds of two trains 80 yards and 85 yards long respectively? Assume that former is faster than later.
   I They take 7.5 seconds to pass each other when running in the opposite direction.
   II They take 37.5 seconds to pass each other when running in the same direction.
3- Answer

16. What is the probability that 2 men and one woman chosen to form a committee are all Indians?
   I. There are 4 men and 3 women in all.
   II. There are 3 Indians in all.
5- Answer

17. How many right circular cylinders of equal size can be made from a metal of volume 200 cm$^3$?
   I. The height of each cylinder is equal to its diameter.
   II. The slant surface area of each cylinder is 45 sq.cm.
3- Answer

18. A certain 4-litre solution of vinegar and water consists of x litre of vinegar and y liters of water. How many liters of vinegar do the solution contain?
   I. x/4=3/8
II. \( \frac{y}{4} = \frac{5}{8} \)

4-\textit{Answer}

\textbf{Directions for Question 19-24:}
Based on the statement in the question, mark the most logical pair of statement that follow

19. If one succeeds. One makes merry.
(1) One did not succeed
(2) One did not make merry.
(3) One succeeded
(4) One made merry-\textit{Answer}

(1) 2, 3
(2) 3, 2
(3) 1, 2
(4) 2, 1

20. If one gets lucky. One will win the prize.
(1) Ramesh did not get the prize -\textit{Answer}
(2) Ramesh got the prize
(3) Ramesh didn't get lucky
(4) Ramesh got lucky

(1) 1,3 (2) 3,1 (3) 2,4 (4) None of these

21. Either he will shout or they will fire.
(1) He shouted.
(2) He did not shout.
(3) They fired
(4) They did not fire-\textit{Answer}

(1) 1,4
(2) 2,3
(3) 4,1
(4) Both (2) & (3)

\textbf{Directions for Question 22-24:}
Based on the statement in the question, mark the most logical Set among options

22. A. Pomfret is a fish.
B. Pomfret is not a fish.-\textit{Answer}
C. Pomfret will not lay eggs.
D. Some fish lay eggs.
E. All fish lay eggs.
F. Pomfret may lay eggs.

(a) DFA
(b) ADF -\textit{Answer}
(c) BDF
(d) EBC

23. A. All copper is metal.
B. All bronze is non-metal.
C. Some metal is silver.
D. Some metal is not silver.
E. No copper is bronze.
F. Some silver is not metal.

(a) ABF
(b) ACB
(c) ABE - Answer
(d) CDF

24. A. T may be A.
B. A is T.
C. T is G.
D. Some G are A.
E. G may be A.
F. No A is T.

a) CDA - Answer
(b) BCF
(c) DEF
(d) ACB

Directions for Questions 25-28:
The data in the table below gives the number and value of lost and found articles in City Women’s College for two consecutive years 2003 and 2004. The data is based on the cases reported to the dean of the college.

<table>
<thead>
<tr>
<th>Articles Lost and Found</th>
<th>2003</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. of Articles</td>
<td>Value (in Rs)</td>
</tr>
<tr>
<td>Hanky</td>
<td>20</td>
<td>1950</td>
</tr>
<tr>
<td>Lipsticks</td>
<td>175</td>
<td>5750</td>
</tr>
<tr>
<td>Perfume</td>
<td>155</td>
<td>7950</td>
</tr>
<tr>
<td>Makeup Kit</td>
<td>1040</td>
<td>127050</td>
</tr>
<tr>
<td>Talcum Powder</td>
<td>1135</td>
<td>34950</td>
</tr>
<tr>
<td>Hand Bag</td>
<td>355</td>
<td>8250</td>
</tr>
<tr>
<td>All other items</td>
<td>1175</td>
<td>187150</td>
</tr>
</tbody>
</table>

25. By what percentage is average price per hanky in 2004 more or less than average price per hanky in 2003
(a) 5%
(b) 2.5 % - Answer
(c) 8%
(d) Cannot be Determined

26. The difference between total number of items lost and found in both the years is
(a) 1435 - Answer
(b) 1937
(c) 1235
(d) 1538
27. Which of the following articles can be considered to be most expensive in the year 2003?
(a) Handbag
(b) Perfume
(c) Make-up Kit -Answer
(d) talcum Powder

28. How many Lost and Found articles are showing a decreasing trend both number wise and value-wise from year 2003 to year 2004 in the above table?
(a) 3
(b) 4
(c) 5
(d) Cannot be Determined-Answer

Directions for questions 29-30:
A survey on a sample of 25 new cars being sold at a local auto dealer was conducted to see which of the three popular options – air conditioning, radio and power windows – were already installed. The survey found:

♦ 15 had air conditioning
♦ 2 had air conditioning and power windows but no radios
♦ 12 had radio
♦ 6 had air conditioning and radio but no power windows
♦ 11 had power windows
♦ 1 had radio and power windows but no air conditioning
♦ 3 had all three options.

29. What is the number of cars that had none of the options?
(a) 4
(b) 3
(c) 1
(d) 2-Answer

30. How many cars have exactly one of the three options?
(a) 8
(b) 7
(c) 11 -Answer
(d) None of these

Infosys Previously asked Technical and Hr Interview questions

1. What are the 4 basics of OOP?
Abstraction, Inheritance, Encapsulation, and Polymorphism.

2. What you mean by Object Relational DBMS?
An object-relational database (ORD), or object-relational database management system (ORDBMS), is a database management system (DBMS) similar to a relational database, but with an object-oriented database model: objects, classes and inheritance are directly supported in database schemas and in the query language. In addition, just as with proper relational systems, it supports extension of the data model with custom data-types and methods.

3. Structural difference between bitmap and b-tree index?

4. What is database Schema?
The formal definition of database schema is a set of formulas (sentences) called integrity
constraints imposed on a database.

5. What are the different levels of database schema?
   Conceptual schema - a map of concepts and their relationships.
   Logical schema - a map of entities and their attributes and relations
   Physical schema - a particular implementation of a logical schema
   Schema object - Oracle database object

6. What is difference between foreign key and reference key?
   Reference Key is the primary key that is referenced in the other table (linked via the other tables Foreign Key). Foreign Key is how you link the second table to the primary tables Primary Key (or Reference Key).

7. Tell me about DSN?
   A Data Source Name (DSN) is the logical name that is used by Open Database Connectivity (ODBC) to refer to the drive and other information that is required to access data. The name is used by Internet Information Services (IIS) for a connection to an ODBC data source, such as a Microsoft SQL Server database. To set this name, use the ODBC tool in Control Panel.
   - click -> start in control panel -> double click Administrative Tool -> click ODBC data source -> click System DSN tab -> click Add

8. Difference between Clustered index and non clustered index?
   Clustered Index
   Only one per table
   Faster to read than non clustered as data is physically stored in index order
   Non Clustered Index
   Can be used many times per table
   Quicker for insert and update operations than a clustered index

9. What is the difference between an EXE and a DLL?
   The term EXE is a shortened version of the word executable as it identifies the file as a program. On the other hand, DLL stands for Dynamic Link Library, which commonly contains functions and procedures that can be used by other programs.

10. Scenarios in which web application should be used and desktop application should be used?

11. Tell how to check whether a linked list is circular.
    Create two pointers, each set to the start of the list. Update each as follows:
    ```c
    while (pointer1) {
        pointer1 = pointer1->next;
        pointer2 = pointer2->next; if (pointer2) pointer2=pointer2->next;
        if (pointer1 == pointer2) {
            print ("circular\n");
        }
    }
    ```

12. Why is it difficult to store linked list in an array?

13. What is the difference between socket and session?

14. What is a default gateway?
15. What is SMTP?
16. What is an interrupt?
17. What is debugger?
18. What port does telnet use?
19. Given an array of 1s and 0s arrange the 1s together and 0s together in a single scan of the array. Optimize the boundary conditions.
20. Define Data Abstraction. What is its importance?

Infosys Technical Interview

These are the most common interview mistakes:
(a). Arriving late.
(b). Dressing wrong: make powerfully positive. Dress right in a conservative suit, subdued colors, little jewelry (but real gold, or silver, or pearls), low heels (polished) and everything clean and neat.
(c). Play zombie: If you are nervous you can't smile and make the eye contact
(d). No smoking, no gum, no drinking.
(e). Research failure: Find out the company's products and services, annual sales, structure and other key information
(f). Can't articulate your own strengths and weaknesses.
(g). Winging the interview: Write out any answers you have difficulty with, and practice until your delivery is smooth (but not slick).
(h). Talk, Talk, Talk.: interrupting the interviewer and answering to a simple question with a fifteen-minute reply
(i). Failure to connect you to the job offered.
(j). Not asking questions - and asking too many: Use your research to develop a set of questions that will tell you whether this is the job and the company for you.
(k). Bad-mouth anyone: You don't want to look like a complainer.
(l). Asking about compensation and/or benefits too soon.
(m). Failure to ask for the job: when the interview over, convey your interest in the job and ask what the next step is.
Infosys placement papers questions 2013-2014 in Hyderabad campuses

Infosys visited my college on November 14, 2013 for campus recruitment. Infosys first section was on aptitude test it consists aptitude reasoning 30 questions verbal ability 40 questions and interview.. Iam sharing my experience for you guys because, I was also benefited by the test and interview experiences of other friends So Iam also sharing my experience

Infosys on line aptitude test procedure
Aptitude and reasoning questions :30 in 40 Minutes
Verbal ability Questions :40 in 35 minutes

and Infosys Interview Technical and hr interview
Infosys interview technical hr it all depends on the interviewers CSE and ECE students were only technical questions. Separate panel sections for interview

Infosys aptitude round questions was easy for me because I'm well prepared for aptitude Rs Agarwal books and other sites. Anyways so after the results of Online Aptitude test was announced I was selected.

Next sections was interview

Tell me about your B-Tech project

How is your compatibility with programming.

Being a chemical engineer why do you want to join an IT company?

Told him about my passion for programming and all. And said that currently I am not fascinated with my branch.

So you studied C++ and java in first and second year. You must have forgotten by now.

Tell me the four basic pillars of OOPS.

Polymorphism, Inheritance, Encapsulation and abstraction.

What is the difference between object oriented and procedure oriented programming?

What is recursion?

Can you make a program for printing the fibonacci series by using recursion.

I was really happy as it was my first non dream placement

INFOSYS-Model questions for practice

SECTION-1
Directions to Solve: (1-5)

In each of the following questions, find out which of the answer figures (1), (2), (3) and (4) completes the figure matrix?

1. Select a suitable figure from the four alternatives that would complete the figure matrix.

```
A. 1
B. 2
C. 3
D. 4
```

Ans: D

2. Select a suitable figure from the four alternatives that would complete the figure matrix.

```
A. 1
B. 2
```
3. Select a suitable figure from the four alternatives that would complete the figure matrix.

A. 1
B. 2
C. 3
D. 4

Ans: D

4. Select a suitable figure from the four alternatives that would complete the figure matrix.

A. 1
5. Select a suitable figure from the four alternatives that would complete the figure matrix.

```
  |   |   |
---|---|---|
  |   |   |
  |   |   |
```

A. 1
B. 2
C. 3
D. 4

**Ans : B**

6.

*Which number replaces the question mark?*

```
  | 6  | 6 |
---|----|---|
    | 7  |
---|----|---|
 3  | 2  | 5
```

**Ans : 6**
7.
Which letter replaces the question mark?

\[
\begin{array}{ccc}
S & B & K \\
J & T & \\
A & \\
J & H & \\
C & V & ?
\end{array}
\]

Ans : O

8.
Which letter replaces the question mark?

\[
\begin{array}{ccc}
2 & 2 & 8 \\
L & S & \\
3 & 7 & 8 \\
R & ? & 
\end{array}
\]

Ans : U
Which playing card replaces the question mark?

Ans : 7

10.

Which time should the last watch show?

Ans : 5:23

Directions to Solve : (11-15)

The following table gives the percentage of marks obtained by seven students in six different subjects in an examination
The Numbers in the Brackets give the Maximum Marks in Each Subject.

<table>
<thead>
<tr>
<th>Student</th>
<th>Maths</th>
<th>Chemistry</th>
<th>Physics</th>
<th>Geography</th>
<th>History</th>
<th>Computer Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ayush</td>
<td>90</td>
<td>50</td>
<td>90</td>
<td>60</td>
<td>70</td>
<td>80</td>
</tr>
<tr>
<td>Aman</td>
<td>100</td>
<td>80</td>
<td>80</td>
<td>40</td>
<td>80</td>
<td>70</td>
</tr>
<tr>
<td>Sajal</td>
<td>90</td>
<td>60</td>
<td>70</td>
<td>70</td>
<td>80</td>
<td>70</td>
</tr>
<tr>
<td>Rohit</td>
<td>80</td>
<td>65</td>
<td>80</td>
<td>80</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>Muskan</td>
<td>80</td>
<td>65</td>
<td>85</td>
<td>95</td>
<td>50</td>
<td>90</td>
</tr>
<tr>
<td>Tanvi</td>
<td>70</td>
<td>75</td>
<td>65</td>
<td>85</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>Tarun</td>
<td>65</td>
<td>35</td>
<td>50</td>
<td>77</td>
<td>80</td>
<td>80</td>
</tr>
</tbody>
</table>

11. What are the average marks obtained by all the seven students in Physics? (rounded off to two digit after decimal)

A. 77.26
B. 89.14
C. 91.37
D. 96.11

Answer: B

12. The number of students who obtained 60% and above marks in all subjects is?

A. 1
B. 2
C. 3
D. None

Answer: B
13. What was the aggregate of marks obtained by Sajal in all the six subjects?
   A. 409  
   B. 419  
   C. 429  
   D. 449
   **Answer: D**

14. In which subject is the overall percentage the best?
   A. Maths  
   B. Chemistry  
   C. Physics  
   D. History
   **Answer: A**

15. What is the overall percentage of Tarum?
   A. 52.5%  
   B. 55%  
   C. 60%  
   D. 63%
   **Answer: C**

**Directions to Solve : (16-20)**

The following pie-chart shows the sources of funds to be collected by the National Highways Authority of India (NHAI) for its Phase II projects. Study the pie-chart and answers the question that follow.

Sources of funds to be arranged by NHAI for Phase II projects (in crores Rs.)
16. Near about 20% of the funds are to be arranged through:

A. SPVS
B. External Assistance
C. Annuity
D. Market Borrowing

**Answer: B**

17. If NHAI could receive a total of Rs. 9695 crores as External Assistance, by what percent (approximately) should it increase the Market Borrowing to arrange for the shortage of funds?

A. 4.5%
B. 7.5%
C. 6%
D. 8%

**Answer: C**

18. If the toll is to be collected through an outsourced agency by allowing a maximum 10% commission, how much amount should be permitted to be collected by the outsourced agency, so that the project is supported with Rs. 4910 crores?

A. Rs. 6213 crores
B. Rs. 5827 crores
C. Rs. 5401 crores
D. Rs. 5316 crores

Answer: C

19. The central angle corresponding to Market Borrowing is
A. 52º
B. 137.8º
C. 187.2º
D. 192.4º

Answer: C

20. The approximate ratio of the funds to be arranged through Toll and that through Market Borrowing is
A. 2 : 9
B. 1 : 6
C. 3 : 11
D. 2 : 5

Answer: B

Directions to Solve : (21-25)

In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

* (A) If only (1) conclusion follows
* (B) If only (2) conclusion follows
* (C) If either (1) or (2) follows
21. Statements: Some actors are singers. All the singers are dancers.

Conclusions:

1. Some actors are dancers.
2. No singer is actor.

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Neither (1) nor (2) follows
E. Both (1) and (2) follow

Answer: A

22. Statements: All the harmoniums are instruments. All the instruments are flutes.

Conclusions:

1. All the flutes are instruments.
2. All the harmoniums are flutes.

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Neither (1) nor (2) follows
E. Both (1) and (2) follow

Answer: B
23. Statements: Some mangoes are yellow. Some tixo are mangoes.

Conclusions:

1. Some mangoes are green.

2. Tixo is a yellow.

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Neither (1) nor (2) follows
E. Both (1) and (2) follow

**Answer: D**

24. Statements: Some ants are parrots. All the parrots are apples.

Conclusions:

1. All the apples are parrots.

2. Some ants are apples.

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Neither (1) nor (2) follows
E. Both (1) and (2) follow

**Answer: B**

25. Statements: Some papers are pens. All the pencils are pens.

Conclusions:

1. Some pens are pencils.

2. Some pens are papers.
Directions to Solve: (26-30)

Each problem consists of three statements. Based on the first two statements, the third statement may be true, false, or uncertain.

26. A fruit basket contains more apples than lemons.
There are more lemons in the basket than there are oranges.
The basket contains more apples than oranges.
If the first two statements are true, the third statement is
A. true
B. false
C. uncertain

Answer: A

27. The Shop and Save Grocery is south of Greenwood Pharmacy.
Rebecca’s house is northeast of Greenwood Pharmacy.
Rebecca’s house is west of the Shop and Save Grocery.
If the first two statements are true, the third statement is
A. true
B. false
28. Joe is younger than Kathy.  
Mark was born after Joe.  
Kathy is older than Mark.  
If the first two statements are true, the third statement is  
A. true  
B. false  
C. uncertain  
Answer: A

29. On the day the Barton triplets are born,  
Jenna weighs more than Jason.  
Jason weighs less than Jasmine.  
Of the three babies, Jasmine weighs the most.  
If the first two statements are true, the third statement is  
A. true  
B. false  
C. uncertain  
Answer: C

30. The temperature on Monday was lower than on Tuesday.  
The temperature on Wednesday was lower than on Tuesday.  
The temperature on Monday was higher than on Wednesday  
If the first two statements are true, the third statement is
A. true
B. false
C. uncertain

Answer: C

SECTION#2

Directions to Solve : (1-10)

Which of phrases given below each sentence should replace the phrase printed in bold type to make the grammatically correct? If the sentence is correct as it is, mark 'E' as the answer.

1. He never has and ever will take such strong measures.

   A. had taken nor will ever take
   B. had taken and will ever take
   C. has and never will take
   D. had and ever will take
   E. No correction required

   Answer: A

2. Technology must use to feed the forces of change.

   A. must be used to feed
   B. must have been using to feed
   C. must use having fed
   D. must be using to feed
   E. No correction required

   Answer: A
3. Anyone interested in the use of computers can learn much if **you have access** to a personal computer.

A. they have access
B. access can be available
C. he or she has access
D. one of them have access
E. No correction required

**Answer:** C

4. They are **not beware** of all the facts

A. are not aware for
B. are not aware of
C. are not to be aware
D. must not to be aware for
E. No correction required

**Answer:** B

5. We **cannot always convey** ourselves in simple sentences.

A. cannot always convey
B. cannot always express
C. cannot always express
D. cannot always communicate
E. No correction required

**Answer:** C
6. What **does agonise me most** is not this criticism, but the trivial reason behind it.

   A. most agonising me  
   B. agonises me most  
   C. agonising me most  
   D. I most agonised  
   E. No correction required

   **Answer: B**

7. As there was no time, the remaining items **were deferred** into the next meeting.

   A. are deferred till  
   B. were deferred till  
   C. were deferred to  
   D. had deferred with  
   E. No correction required

   **Answer: B**

8. **Despite of their** differences on matters of principles, they all agree on the demand of hike is salary?

   A. Despite their  
   B. Despite of the  
   C. Despite for their  
   D. Despite off their  
   E. No correction required

   **Answer: A**

9. The man who has committed such a serious crime must **get the mostly severe** punishment.
A. be getting the mostly severely
B. get the most severe
C. have got the most severely
D. have been getting the severe most
E. No correction required

Answer: B

10. For many centuries in Indian History there was no city so famous like the city of Ujjain.
A. as
B. such as
C. likewise
D. so like
E. No correction required

Answer: A

Directions to Solve : (11-20)

In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence.

11. List of the business or subjects to be considered at a meeting
A. Schedule
B. Timetable
C. Agenda
D. Plan

Answer: C
12. Leave or remove from a place considered dangerous

A. Evade
B. Evacuate
C. Avoid
D. Exterminate

**Answer:** B

13. A prima facie case is such

A. As it seems at first sight
B. As it is made to seem at first sight
C. As it turns out to be at the end
D. As it seems to the court after a number of hearings

**Answer:** A

14. A person pretending to be somebody he is not

A. Magician
B. Rogue
C. Liar
D. Imposter

**Answer:** D

15. A person who knows many foreign languages

A. Linguist
B. Grammarian
C. Polyglot
D. Bilingual
16. One who has little faith in human sincerity and goodness
   A. Egoist
   B. Fatalist
   C. Stoic
   D. Cynic
   Answer: D

17. One who possesses many talents
   A. Versatile
   B. Nubile
   C. Exceptional
   D. Gifted
   Answer: A

18. Words inscribed on tomb
   A. Epitome
   B. Epistle
   C. Epilogue
   D. Epitaph
   Answer: D

19. One who eats everything
   A. Omnivorous
   B. Omniscient
C. Irrestible
D. Insolvent

Answer: A

20. Malafide case is one
A. Which is undertaken in a good faith
B. Which is undertaken in a bad faith
C. Which is undertaken after a long delay
D. Which is not undertaken at all

Answer: B

Directions to Solve : (21-30)

In each question, an incomplete statement (Stem) followed by fillers is given. Pick out the best one which can complete incomplete stem correctly and meaningfully.

21. It is not easy to remain tranquil when those around you ......
A. behave in a socially acceptable manner
B. exhibit pleasant mannerism
C. are losing their heads
D. agree to whatever you say
E. exhibit generous and magnanimous gestures

Answer: C

22. "The food in this hostel is no match to what were forced at late hours in Hotel Kohinoor " means ......
A. The food in this hotel is quite good compared to what we ate at kohinoor
B. Hotel kohinoor served us good quality food than what we get here
C. Both hotels have maintained good quality of food
D. Both hotels serve poor quality of food
E. it is better to eat food than remain hungry

**Answer: B**

23. Although initial investigations pointed towards him .......

A. the preceding events corroborated his involvement in the crime
B. the additional information confirmed his guilt
C. the subsequent events established that he was guilt
D. the subsequent events proved that he was innocent
E. he gave an open confession of his crime

**Answer: D**

24. The weather outside was extremely pleasant and hence we decided to .......

A. utilise our time in watching the television
B. refrain from going out for a morning walk
C. enjoy a morning ride in the open
D. employ this rare opportunity for writing letters
E. remain seated in our rooms in the bungalow

**Answer: C**

25. "It is an uphill task but you will have to do it" means .......

A. The work is above the hill and you will have to do it
B. It is a very easy task but you must do it
C. It is very difficult task but you have to do it
D. This work is not reserved for you but you will have to do it
E. It is almost impossible for others but you can do it

**Answer: C**

26. "You are thinking very highly about Ravi but he is not so" means ......

A. Ravi is as good as you think about him
B. You have a good opinion about Ravi but he is not as good as you think
C. Your view about Ravi is philosophical, keep it up
D. Ravi is much better than what you think of him
E. You have a good opinion about Ravi but he does not have a good opinion about you

**Answer: B**

27. "Anand stuck up a friendship with Mahesh in just 2 days" means ......

A. Anand friendship with Mahesh came to an end recently
B. Anand found out the other friends of Mahesh
C. Anand fixed a deal with Mahesh in 2 days
D. Anand's friendship with Mahesh lasted for 2 years
E. Anand became a friend of Mahesh in less than 2 days

**Answer: E**

28. Although, he is reputed for making very candid statements ......

A. his today speech was not fairly audible
B. his promises had always been realistic
C. his speech was very interesting
D. people follow whatever he instructs to them
E. his today's statements were very ambiguous

**Answer: E**
29. The manager would like you to help Dhiraj, means ......

A. the manager would like you if you help Dhiraj
B. the manager desires you to help Dhiraj
C. the manager likes you because you help Dhiraj
D. Dhiraj expects the manager to tell you to help him
E. it will be a help to the manager if you like Dhiraj

**Answer: B**

30. Owing to the acute power shortage, the people of our locality have decided to ......

A. dispense with other non-conventional energy sources
B. resort to abundant use of electricity for illumination
C. off-switch the electrical appliance while not in use
D. explore other avenues for utilising the excess power
E. resort to use of electricity only when it is inevitable

**Answer: E**

**Directions to Solve : (31-34)**

Male lions are rather reticent about expanding their energy in hunting more than three quarters of kills are made by lionesses are in front, tensely scanning ahead, the cubs lag playfully behind and the males bring up the rear, walking slowly, their massive heads nodding with each step as if they were bored with the whole matter. But slothfulness may have survival value. With lionesses busy hunting, the males function as guard for the cubs, protecting them particularly from hyenas.

31. According to the passage male lions generally do not go for hunttings because

A. they don not like it.
B. they want lioness to get training
C. they wish to save their vigour for other things
D. they are very lazy
Answer: C

32. Male lions protect their cubs
A. from the members of their own species
B. from hyenas only
C. from hyenas as much as from other enemies
D. more from hyenas than from other animals
Answer: D

33. Lioness go for hunting
A. all alone
B. with their male partners only
C. with their cubs and male partners
D. with their cubs only
Answer: C

34. When the lionesses go in search for their prey, they are very
A. serious
B. cautious
C. playful
D. sluggish
Answer: B

Directions to Solve : (35-38)
What needs to be set right is our approach to work. It is a common sight in our country of employees reporting for duty on time and at the same time doing little work. If an assessment is made of time they spent in gossiping, drinking tea, eating “pan” and smoking cigarettes, it will be shocking to know...
that the time devoted to actual work is negligible. The problem is the standard which the leadership in administration sets for the staff. Forgot the ministers because they mix politics and administration. What do top bureaucrats do? What do the below down officials do? The administration set up remains week mainly because the employees do not have the right example to follow and they are more concerned about being in the good books of the bosses than doing work.

35. The employees in our country

A. are quite punctual but not duty conscious
B. are not punctual, but somehow manage to complete their work
C. are somewhat lazy but good natured
D. are not very highly qualified

Answer: A

36. According to the writer, the administration in India

A. is by and large effective
B. is very strict and firm
C. is affected by red tape
D. is more or less ineffective

Answer: D

37. The word 'assessment' means

A. enquiry
B. report
C. evaluation
D. summary

Answer: C

38. The leadership in administration

A. sets a fine example to the employees
B. is of a reasonably high standard

C. is composed of idealists

D. is of a very poor standard

**Answer: D**

**Directions to Solve : (39-40)**

Speech is great blessings but it can also be great curse, for while it helps us to make our intentions and desires known to our fellows, it can also if we use it carelessly, make our attitude completely misunderstood. A slip of the tongue, the use of unusual word, or of an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different vocabularies, and the ordinary speech of an educated may strike an uneducated listener as pompous. Unwittingly, we may use a word which bears a different meaning to our listener from what it does to men of our own class. Thus speech is not a gift to use lightly without thought, but one which demands careful handling. Only a fool will express himself alike to all kinds and conditions to men.

39. The best way to win a friend is to avoid

A. irony in speech

B. pomposity in speech

C. verbosity in speech

D. ambiguity in speech

**Answer: D**

40. While talking to an uneducated person, we should use

A. ordinary speech

B. his vocabulary

C. simple words

D. polite language

**Answer: B**
1. A lady's age is between 50 and 70. Each of her sons has many sons as his brothers. The sum of the sons and grandsons in the lady's age. What is her age?

2. Two persons have 64 and 20 barrels of wine. The first one pays tax 5 barrels and 40 frames. The second one pays 2 barrel and got back 40 frames. What is the value of each barrel and the tax paid on each barrel?

3. There are 20 balls of green color, 20 balls of red color, 20 balls of blue color, 20 of black, 20 of yellow. How many u have to pick to guarantee 2 pairs of same color?

4. There is a five digit number
   1. It has 2 prime digits (1 is not a prime number)
   2. The third digit is the highest
   3. The second digit is lowest
   4. The first digit is 1 less than the third digit
   5. The fifth is half of the fourth
   6. The sum of 4-th and 5-th digit is less than first. What is that no?

Directions 11-15:

Each problem consists of a problem followed by two statements. Decide whether the data in the statements are sufficient to answer the question. Select your answer according to whether:
(A) Statement 1 alone is sufficient, but statement 2 alone is not sufficient to answer the question
(B) Statement 2 alone is sufficient, but statement 1 alone is not sufficient to answer the question
(C) Both statements taken together are sufficient to answer the question, but neither statement alone is sufficient
(D) Each statement alone is sufficient
(E) Statements 1 and 2 together are not sufficient, and additional data is needed to answer the question

11. How many ewes (female sheep) in a flock of 50 sheep are black?
    There are 10 rams (male sheep) in the flock.
    Forty percent of the animals are black.

12. Is the length of a side of equilateral triangle E less than the length of a side of square F?
    The perimeter of E and the perimeter of F are equal.
    The ratio of the height of triangle E to the diagonal of square F is 2\sqrt{3} : 3\sqrt{2}.

13. If a and b are both positive, what percent of b is a?
    a = 3/11
    b/a = 20

14. A wheel of radius 2 meters is turning at a constant speed. How many revolutions does it make in time T?
    T = 20 minutes.
The speed at which a point on the circumference of the wheel is moving is 3 meters per minute.

15. **Are the integers x, y and z consecutive?**
The arithmetic mean (average) of x, y and z is y.
y-x = z-y

16. **Manish goes 7 km towards South-East from his house, then he goes 14 km turning to West. After this he goes 7 km towards North West and in the end he goes 9 km towards East. How far is he from his house?**
A) 14 km
B) 7 km
C) 2 km
D) 5 km
E) None of these

17. **Nivedita stops after going 10 km towards west from her office. Then she goes 8 km turning to her left. After this she goes 4 km turning to her left. How far is she from her office?**
A) 18 km
B) 8 km
C) 16 km
D) 14 km
E) None of these

18. **Ranju is at a fixed point, from where she goes 20 metres towards West. From there she goes 10 metres towards North. Then she goes 35 metres towards East and after this she goes 5 metres towards South and in the end she goes 15 metres towards West. How far is she from the fixed point?**
A) 5 km
B) 0 km
C) 10 km
D) Can not be determined
E) None of these

19. **A man walks 15m towards South from a fixed point. From there he goes 12 m towards North and then 4 m towards West. How far and in what direction is he from the fixed point?**
A) 3 m, South
B) 7 m, South-West
C) 5 m, South-West
D) 5 m, South-East
E) None of these

20. **Ranjan goes 5 km towards North from a fixed point. Then he goes 3 km after turning to his right. After this he goes 5 km turning to his right. In the end he goes 4 km after turning to his left. How far and in what direction is he now from the fixed point?**
A) 4 km, West
B) 7 km, East
C) 9 km, East
D) 7 km, West
E) None of these

**Directions Question 21 to24 :** Read the following information carefully and answer the questions given it.
II.
i) Jayant, Kama, Namitha, Asha and Tanmay are five members of the family.
ii) They have their birth dates from January to May, each member in one of these months
iii) Each one likes one particular item for his/her birthday out of Bengali Sweets, Chocolates, Pastries, Ice Cream and Dry Fruits
iv) The one who likes Pastries is born in the month which is exactly middle in the months given
v) Asha does not like Ice cream but brings Chocolates for Jayant in February.
vi) Tanmay who is fond of Bengali sweets in born in the next month immediately after Namitha
vii) Namita does not like Dry fruits or Ice cream

21. **What is the choice of Asha?**
   A) Pastries
   B) Dry fruits
   C) Dry fruits
   D) Cannot be determined
   E) None of these

22. **Which combination of month and item is true for Jayant?**
   A) March- Pastries
   B) February - Pastries
   C) February - Ice cream
   D) Cannot be determined
   E) None of these

23. **What is the choice of Kamal?**
   A) Ice Cream
   B) Bengali sweets
   C) Dry fruits
   D) Cannot be determined
   E) None of these

24. **In which month was Kamal born?**
   A) January
   B) may
   C) January or May
   D) Data inadequate
   E) None of these

25. **If in a certain code "RANGE" is coded as 12345 and "RANDOM" is coded as 123678, then the code for the word "MANGO" would be**
   A) 82357
   B)84563
   C)82346
   D)82543

**Directions 26-30:** The table below shows the unit sales of the TT950 motorcycle in six European countries over a six month period. These motorcycles are imported into each country by a main dealer. Use this information to answer the following questions.

26. **What percentage of the overall total was sold to the German importer?**
   A) 22.0
   B) 25.4
   C) 25.8
   D) 24.1
   E) 24.6

27. **What percentage of the overall total was sold in May?**
   A) 24.1
   B) 25.6
Directions for Questions 1–5: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

The Mayan Indians lived in Mexico for thousands of years before the Spanish arrived in the 1500s. The Mayan were an intelligent, culturally rich people whose achievements were many. They had farms, beautiful palaces, and cities with many buildings. The Mayan people knew a lot about nature and the world around them. This knowledge helped them to live a better life than most people of that time, because they could use it to make their lives more comfortable and rewarding. Knowledge about tools and farming, for instance, made their work easier and more productive. In ancient Mexico there were many small clearings in the forest. In each clearing was a village with fields of corn, beans, and other crops around it. To clear the land for farms, the Mayan cut down trees with stone axes. They planted seeds by digging holes in the ground with pointed sticks. A farmer was able to grow crops that produced food for several people. But not every Mayan had to be a farmer. Some were cloth makers, builders, or priests. The Mayan believed in many gods, including rain gods, sun gods, and corn gods. The people built large temples to honor the Mayan gods. Skillful workers built cities around these temples. It was difficult for them to construct these cities, because they had no horses to carry the heavy stone they used to build with. Workers had to carry all of the building materials themselves. Today, many of these ancient Mayan cities and temples are still standing. Although the cities that the Mayan built were beautiful, and the people worked hard to build them, very few of the people lived in them. Usually, only the priests lived in the cities. The other people lived in small villages in the forests. Their houses were much simpler than the elaborate structures in the cities. They lived in small huts with no windows. The walls were made of poles covered with dried mud, and the roof was made of grass or leaves. Most Maya lived a simple life close to nature. Measuring time was important to the Maya, so they developed a system for measuring it accurately. Farmers needed to know when to plant and harvest their crops. Mayan priests made a system to keep track of time. They wrote numbers as dots (...) and bars (-). A dot was one and a bar was five. The Mayan priests studied the Sun, Moon, stars, and planets. They made a calendar from what they learned. The year was divided into 18 months of 20 days each with five days left over. The Mayan calendar was far more accurate than the
European calendars of the time. Around the year 800, the Maya left their villages and beautiful cities, never to return. No one knows why this happened. They may have died from an infectious disease. They may have left because the soil could no longer grow crops. Archaeologists are still trying to find the lost secrets of the Maya. They are still one of our greatest mysteries.

1. Read this sentence from the story. 
The Maya were an intelligent, culturally rich people whose achievements were many. What is a synonym for the word achievements?
A) mistakes
B) successes
C) skills
D) roads

2. The Maya lived in Mexico
A) only after the Spanish arrived
B) at the same time as the Spanish
C) only for a few years
D) thousands of years before the Spanish.

3. Many Mayan cities and temples are still standing today because
A) they were so well built.
B) they are not very old.
C) they have been rebuilt.
D) there is never any bad weather in Mexico.

4. What is the main idea of this article?
A) The Mayan calendar was more accurate than the European calendar.
B) The Maya were excellent farmers.
C) The Maya were a culturally rich, advanced society.
D) The Mayan cities were difficult to build.

5. MOST Mayan lived
A) in beautiful cities.
B) in huts made of poles, mud, and leaves.
C) in caves.
D) in stone temples.

Directions for Questions 6-10: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

The Rajputs occupy an honoured place in the history of India. They were a war-like, people, proud and patriotic. They were jealous of their honour, and would lay down their lives to uphold it. They loved their homes and fought bravely to defend the honour of their women-folk. Nothing would tame their spirits. Perils only called forth their courage and poverty only increased their power of resistance. None could fight like them. Their motto was 'Better death than dishonour'.

6. Which of the following represents the central theme of the passage?
A) The pride of the Rajputs
B) Rajputs and their sacrifices
C) The rise and fall of the Rajputs
D) Rajputs - the spritited heroes of Indian history.

7. Which of the following is opposite in meaning to the word 'proud in the passage'?
A) humble
B) kind
C) courteous
8. The expression 'tame their spirits' in the passage means
A) suppress their ambitions
B) arouse their enthusiasm
C) develop their courage
D) curb their enthusiasm

9. Which of the following statements is not true in the context of the passage?
A) The Rajputs achieved eminence in history due to their great bravery
B) They were homely people and would fight for upholding women’s honour
C) In moments of danger they would exhibit great courage
D) They could not, however, face the challenge of poverty

10. According to the writer, the Rajputs occupy an honoured place in history, because
A) they were fond of wars
B) they were proud of their war
C) they were jealous of people's honour
D) they lived and died upholding their self respect.

Directions 11-18: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

11. The two sisters look so............. that it is difficult to tell one from the other
A) same
B) similar
C) identical
D) alike
E) resembling

12. Since one cannot read every book, one should be content with making a.................selection
A) normal
B) standard
C) sample
D) moderate
E) judicious

13. Success comes to those who are vigilant not to permit................. from the chosen path
A) diversion
B) deviation
C) obstruction
D) alienation
E) distraction

14. His actions had..................pain and suffering on thousands of people.
A) deplored
B) eliminated
C) affected
D) inflicted
E) imposed

15. He has good..................over the famous world languages
A) authority
B) expertise
C) hold
D) command
E) knowledge
16. **The lions in the Gir forest are protected as they come under ............ species.**
   A) dangerous  
   B) engendered  
   C) enamoured  
   D) endangered

17. **People who have an ....... reputation are often avoided by the rest**
   A) unsteady  
   B) unsavory  
   C) unsafe  
   D) unsatisfied

18. **My father was too ............to push open the heavy door.**
   A) timid  
   B) faint  
   C) feeble  
   D) faltering.

**Direction Questions 19-26:** In each question below is given a passage followed by several inference. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

mark your answer as :
A) if the inference is ' definitely true' i.e., it directly follows from the facts given in the passage  
B) if the inference is ' probably true' though not definitely true in the light of the facts given  
C) if you think the data are in adequate i.e., from the facts given you cannot say whether the inference is likely to be true or false  
D) if you think the inference is ' probably false' though not definitely false in the light of the facts given; and  
E) if you think inference is ' definitely false' i.e., it contradicts the given facts.

**Passage I**
The basic thrust of the government's policy is to provide price incentives to farmers to make them produce more food. but is a price-incentive system always efficient in ensuring incremental yields? Our contention is that this incentive works only in persuading farmers to shift cultivation from one crop to another depending on which crop is more profitable at the given prices. But it would not be a sufficient condition in ensuring incremental output of all crops which is what is required.

19. **This passage istaken from an article written by an expert on agricultural finance.**

20. **The authoris advocating for more yield of various crops.**

21. **The Government is not ready to increase the procurement price of crops.**

22. **According to the passage , the farmers are not income-conscious.**

23. **Recently there was an agitation by farmers for increase in procurement price of crops.**

**Passage II**
The explosive growth in demand for castor oil abroad is bringing about a silent change in the castor seed economy of Gujarat. The state is well on its way to emerge as a strong manufacturing centre for castor oil relegating to background its current status as a big trading centre. The business prospects for export of castor oil which is converted into value added derivatives are so good that a number of castor seed crushing units have already come up and others are on the anvil.

24. **Gujarat used to supply castor seeds to the manufacturing units in the pase.**
25. Gujarat is the only state in India which produces castor seed.

26. manufacturing castor oil guarantees more surplus than selling castor seeds.

Direction 27-32: In each of the following questions, find out which part of the sentence has an error. If there is no mistake the answer is 'no error'.

27. He is / taller / than me / no error

28. there is no question/ of my failing / in the examination / today. / No error

29. The audience / are requested / to be in its seats / no error

30. Had I come / to know about his difficulties / I would have certainly helped / no error

31. He is the general / whom the reporters agree / was most popular with the troops / no error

32. He left to Bombay / this morning / for some official work / No error
Directions 33-40: In each question, a part of sentence is printed in italics. Below each sentence, some phrases are given which can substitute the italicized part of the sentence. If the sentence is correct as it is, the answer is 'No correction required'.

33. It is time the six year old is learning how to read and write
   A) has learned
   B) learnt
   C) was learning
   D) No correction required

34. I am sorry, but I don't believe what you say.
   A) I will not believe
   B) I am not believing
   C) I will not be believing
   D) No correction required

35. She could not help but laugh.
   A) laughing
   B) laughed
   C) laugh
   D) No correction required

36. He never tells the truth
   A) Says
   B) utters
   C) speaks
   D) No correction required

37. Since 1986, there is no earthquakes here.
   A) Have been
   B) are
   C) from
   D) No correction required

38. Please blow up the candle
   A) turn off
   B) blow out
   C) put off
   D) No correction required

39. Practically every part of the banana tree is used by man.
   A) most part
   B) any part
   C) each part
   D) No correction required

40. Old habits die hardly.
   A) die much hardly
   B) die hard
   C) die too hard
   D) No correction required

Infosys Previous years questions
1) APTITUDE TEST:

Questions = 70 ; time limit = 75 minutes. Sectional cut-off in each section its around 60% in Logical Reasoning part and 50% in Verbal Ability. no negative marking Offline (paper & pen) test

Analytical & Logical reasoning: (30 question : 40 minutes)

English section: (40 question : 35 minutes)

1. There are 6561 balls out of them 1 is heavy. Find the min. no. of times the balls have to be weighed for finding out the heavy ball.

Ans. 8

2. If I walk with 30 miles/hr i reach 1 hour before and if i walk with 20 miles/hr i reach 1 hour late. Find the distance between 2 points and the exact time of reaching destination is 11 am then find the speed with which it walks.

Ans. 120miles and 24 miles/hr

3. When u reverse the digits of age of father u will get the age of son. one year ago the age of father was twice that of son's age. what are the current ages of father and son?

Ans: 73 & 37

4. In a class there are less than 500 students . when it is divided by 3 it gives a whole number. similarly when it is divided by 4,5 or 7 gives a whole number. find the no. of students in the class

Ans: 420
5. A coffee seller has two types of coffee Brand A costing 5 bits per pound and Brand B costing 3 bits per pound. He mixes two brands to get a 40 pound mixture. He sold this at 6 bits per pound. The seller gets a profit of 33 1/2 percent. How much he has used Brand A in the mixture?

Ans: 30 pounds

6) Which figure completes the series?

A) ![Image A]
B) ![Image B]
C) ![Image C]
D) ![Image D]

7) Which figure completes the series?

A) ![Image A]
B) ![Image B]
C) ![Image C]
D) ![Image D]

8) Which figure completes the series?
9) Which figure completes the series?

10) Which figure completes the series?

Directions 11-15: In each question below are given three Statements followed by three Conclusions numbered I, II and III. You have to take the given Statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given Conclusions logically follows from the given Statements disregarding commonly known facts.

11. Statements:

Some cycles are busses.
All cars are buses.

Some buses are trains.

Conclusions:
I. All cares are cycles.
II. Some trains are buses.
III. Some trains are cars.

(1) None follows
(2) Only I and II follow
(3) Only land III follow
(4) Only II and III follow
(5) None of these

Ans: 4

12. Statements:
All pencils are sticks.
Some sticks are notes.
All diaries are notes.

Conclusions:
I. Some notes are diaries.
II. Some sticks are pencils.
III. Some diaries are sticks.

(1) All follow
(2) Only I follows
13. Statements:
Some buds are leaves.
No leaf is fruit.
Some fruits are buds.
Conclusions:
I. Some fruits are leaves.
II. All buds are fruits.
III. Some leaves are buds.

(1) Only I or II follows
(2) Only III follows
(3) Only II follows
(4) None follows
(5) None of these

Ans: 2

14. Statements:
Some birds are animals.
All animals are rivers.
Some rivers are lions.

Conclusions:
I. Some lions are animals
II. Some rivers are birds
III. No animal is lion

(1) Only II follows
(2) Only either I or III follows
(3) I and II follows
(4) only either II or III follow
(5) None of these

Ans: 3

15. Statements:
All boxes are pans
Some boxes are jugs.
Some jugs are glasses.

Conclusions:
I. Some glasses are boxes
II. No glass is box
III. some jugs are pans
IV. No jug is pan

(1) Only I and II follows
(2) Either I or II and III follows
(3) Only III follows
(4) Either I or II, and either III or IV follow
(5) None of these

Ans: B

Directions 16-20 Use the following answer choices for the questions below.

1. Statement 1 alone is sufficient but statement 2 alone is not sufficient to answer the question asked.
2. Statement 2 alone is sufficient but statement 1 alone is not sufficient to answer the question asked.
3. Both statements 1 and 2 together are sufficient to answer the question but neither statement is sufficient alone.
4. Each statement alone is sufficient to answer the question.
5. Statements 1 and 2 are not sufficient to answer the question asked and additional data is needed to answer the statements.

16) If the average size of 3 accounts is $1 million, is the smallest account less than $500,000?

1. The largest account is $1.3 million.
2. One of the accounts is $0.7 million.

Ans: C

17) Is the product of x and y greater than 60?
1. The sum of x and y is greater than 60.
2. Each of the variables is greater than 2.

Ans: C

18) What is the value of y?

1. \( y - 3 = 2 \)
2. \( y^2 = 25 \)

Ans: A

19) What was the percent increase of Company A's stock between June 1 and June 30, 2000?

1. The stock gained $5 in value during June 2000.
2. The stock rose 12% during the first half of the month.

Ans: E

20) Which company reported the larger dollar increase in earnings?

1. Company A reported that its earnings increased by 5%.
2. Company B reported that its earnings increased by 7%.
21. Ramesh starting from a fixed point goes 15 km towards North and then after turning to his right he goes 15 km.

Then he goes 10, 15 and 15 metres after turning to his left each time. How far is he from his starting point?

(A) 5 metres  
(B) 10 metres  
(C) 20 metres  
(D) 15 metres  
(E) Can not be determined

Ans : (B)

22. Sonalika goes 12 km towards North from a fixed point and then she goes 8 km towards South from there. In the end she goes 3 km towards east. How far and in what direction is she from her starting point?

(A) 7 km East  
(B) 5 km West  
(C) 7 km West  
(D) 5 km North-East  
(E) None of these

Ans : (D)

23. Sunita goes 30 km towards North from a fixed point, then after turning to her right she goes 15 km. After this she goes 30 km after turning to her right. How far and in what direction is she from her starting point?
24. Kanchan goes 5 m towards east from a fixed point N and then 35 km after turning to her left. Again she goes 10 metres after turning to her right. After this she goes 35 m after turning to her right. How far is she from N?

(A) 40 m  
(B) At N  
(C) 10 m  
(D) 15 m  
(E) None of these  
Ans : (D)

25. Shri Prakash walked 40 metres facing towards North. From there he walked 50 metres after turning to his left. After this he walked 40 metres after turning to his left. How far and in what direction is he now from his starting point?

(A) 40 m, North  
(B) 50 m, West  
(C) 10 m, East  
(D) 10 m, West
1. Directions (Question 26 to 30) : Read the following information carefully and answer the questions given it.

There are six persons A B C D E and F in a school. Each of the teachers teaches two subjects, one compulsory subject and the other optional subject. D's optional subject was History while there others have it as compulsory subject. E and F have Physics as one of their subjects. F's compulsory subject is Mathematics which is an optional subject of both C and E. History and English are A's subjects but in terms of compulsory and optional subjects, they are just reverse of those of D's. Chemistry is an optional subject of only one of them. The only female teacher in the school has English as her compulsory subject.

26. What is C's compulsory subject?

A) History   B) Physics   C) Chemistry   D) English   E) Mathematics

Ans: A

27. Who is a female member in the group?

A) A   B) B   C) C   D) D   E) E

Ans: D

28. Which of the following has some compulsory and optional subjects as those of F's?

A) D   B) B   C) A   D) C   E) None of these
29. Disregarding which is the compulsory and which is the optional subject, who has the same two subject combination as F?

A) A      B) B      C) E      D) D      E) None of these

Ans: C

30. Which of the following groups has History as the compulsory subject?


Ans: D

Verbal Ability Test (40 Questions in 35 minutes)

Directions for Questions 1-5: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

It all started at the beginning of fifth grade. At first, Carmen wasn't really sure what was happening. In class, she had to squint to see the blackboard clearly. She had to do the same thing when she read street signs, or when she watched a movie. As the fuzziness got worse, she became more and more worried. It was important for her to see the notes and homework assignments the teacher put on the board.

It wasn't long before Carmen found herself squinting all the time, but she didn't want anyone to know that she was having a problem seeing. In class, she asked for a desk that was closer to the
blackboard. One day, her teacher said, "Carmen, are you all right? I've noticed you squinting a lot. Are you having trouble seeing the board?"

Carmen shook her head. "I'm fine, Mrs. Cruz," she said, but she knew she couldn't pretend much longer.

At home, she had to sit closer and closer to the television in order to see the picture. Her mother noticed her squinting as she watched her favorite shows, and she began to get suspicious.

"Tomorrow I’m calling the eye doctor to set up an appointment for you," she said firmly. Carmen protested, but her mother's mind was made up.

Three days later, Carmen had new glasses and instructions from her doctor to wear them all the time. Carmen frowned in the car the whole way home.

"All of the kids at school will think I’m a nerd," she said. Her mother smiled and shook her head.

"You look just as beautiful with those glasses on as you do without them," she said. But Carmen didn't believe her.

The next day, Carmen kept the glasses in her pocket as she walked into the schoolyard. She avoided her friends and stood alone, feeling miserable.

Suddenly, she heard her friend Theresa shout.

Carmen ran over to the other girls. "What’s wrong?" she asked.

"My silver ring is gone!" Theresa cried. "My sister sent it to me from California. It’s very special and I can’t lose it!"
Carmen could tell that Theresa was very upset. They all looked for the ring in the grassy area of the playground.

Carmen realized that she could search better if she could see better. She took the glasses out of her pocket and put them on. The objects and people around her came into sharp focus. She caught her breath. Everything looked so different! So clear! She looked down at the ground and a glimmer of silver caught her eye. It was the ring.

"Here it is," she shouted. "I've found it!" She handed it to Theresa, and Theresa slipped the ring back on her finger.

"Thanks Carmen," she said. "I never thought we'd find it." She paused. "Hey, I didn't know you wore glasses. They look great!"

Carmen had forgotten that she was wearing the new glasses. "Thanks," she replied shyly.

As they walked back toward the school building, two more girls from her class complimented her glasses. Carmen smiled. "Maybe wearing glasses won't be so bad after all," she thought.

1. BEFORE Carmen got glasses she
   1. thought having glasses wouldn’t be so bad.
   2. wasn’t able to see the blackboard clearly.
   3. found Theresa’s missing ring.
   4. sat far away from the television

   Ans: B

2. Based on the end of the story, what do you think Carmen will do next?
1. She won't tell her friends that she needs to wear glasses.

2. She will keep her glasses in her pocket where no one can see them.

3. She will wear her glasses all the time.

4. She will wear her glasses only when she is with her family.

Ans: C

3. Read this sentence from the story 'Her mother noticed her squinting as she watched her favorite shows, and she began to get suspicious'.

What is an antonym for the word suspicious?

1. doubtful

2. guilty

3. innocent

4. trusting

Ans: D

4. Which statement BEST describes Carmen?

1. She is willing to overcome her fears in order to help her friends.

2. She doesn't care how well she does in school.

3. She cares more about herself than her friends.

4. She doesn't worry about what other people think of her.

Ans: A
5. Read this sentence from the story. 'In class, she had to squint to see the blackboard clearly'.

What does squint mean?

1. to look with eyes partly closed
2. to move closer
3. to try hard
4. to concentrate

Ans: D

Directions for Questions 6-10: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Primitive man was probably more concerned with fire as a source of warmth and as a means of cooking food than as a source of light. Before he discovered less laborious ways of making fire, he had to preserve it, and whenever he went on a journey he carried a firebrand with him. His discovery that the firebrand, from which the torch may very well have developed, could be used for illumination was probably incidental to the primary purpose of preserving a flame.

Lamps, too, probably developed by accident. Early man may have had his first conception of a lamp while watching a twig or fibre burning in the molten fat dropped from a roasting carcass. All he had to do was to fashion a vessel to contain fat and float a lighted reed in it. Such lamps, which are made of hollowed stones or sea shells, have persisted in identical form up to quite recent times.

6. Primitive man's most important use for fire was

A) to provide warmth  B) to cook food  C) to provide light  D) Both A and B.
7. The firebrand was used to

A) Prevent accidents  B) provide light  C) scare animals  D) save labour

Ans: B

8. By 'primary' the author means

A) primitive  B) fundamental  C) elemental  D) essential

Ans: D

9. Lamps probably developed through mere

A) hazard  B) fate  C) chance  D) planning

Ans: C

10. Early lamps were made by

A) using a reed as a wick in the fat  B) letting a reed soak the fat

C) putting the fat in a shell and lighting it  D) floating a reed in the sea-shell
Directions 11-18: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

11. These essays are intellectually ............... and represent various levels of complexity

    A) revealing  B) Modern  C) persistent  D) demanding  E) persistent

    Ans: C

12. It was almost impossible for him to put out of his mind the ............... words which he heard from his clever father-in-law

    A) inspiring  B) witty  C) sarcastic  D) soothing  E) exhortative

    Ans: B

13. Integrity of character, honesty, dependability and discipline ............... with a genuine interest in your work will go a long way in the achievement of success in your professional life.

    A) coupled  B) adjoined  C) fixed  D) attached  E) joined

    Ans: A
14. The soldiers were instructed to ....................... restraint and handle the situation peacefully.

   A) exercise   B) control   C) prevent   D) enforce   E) remain

Ans: A

15. Ishwar Chandra Vidyasagar was one of the chief ............. of women's rights

   A) promoters   B) facilitators   C) instigators   D) organisers   E) protagonists

Ans: E

16. Her parents will never give their .......... to such an unsuitable match.

   A. willingness   B. agreement   C. consent   d. acquiescence

Ans: C

17. he is ........ dancer

   A. a skilled   B. an adept   C. an adapt   d. an adopt

Ans: A

18. The degrees were awarded in the annual .......................
Direction Questions 19-26 In each question below is given a passage followed by several inference. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

mark your answer as:

A. if the inference is 'definitely true' i.e., it directly follows from the facts given in the passage

B. if the inference is 'probably true' though not definitely true in the light of the facts given

C. if you think the data are inadequate i.e., from the facts given you cannot say whether the inference is likely to be true or false

D. if you think the inference is 'probably false' though not definitely false in the light of the facts given; and

E. if you think inference is 'definitely false' i.e., it contradicts the given facts.

Passage I

A recent survey shows that India has the lowest death rate for blood cancer. China, Thailand and Myanmar (countries that have taste for spices) also have low rates. Higher rates are found in S.A where spices are not used. The typical American food remains chicken rolls, butter and beef.
19. Americans are unorthodox in their food habits.

   Ans: D

20. Americans dislike spices

   Ans: C

21. Spices prevent blood cancer

   Ans: A

22. Spices promote forms of cancer other than blood cancer

   Ans: C

23. Chicken rolls, butter and beef promote cancer.

   Ans: A

Passage II

The water resources of our country are very much underutilized. The main reason of this underutilization is the lack of capital and technology. A large portion of our water resources is wasted due to floods and unwise use of water for irrigation as well as domestic purposes. We can make full
use of our water resources by building dams on rivers and by adopting policy of awareness among people not to waste water.

24. Occurrence of floods adds to the water resources.

Ans: E

25. Some people do not use water resources in a judicious way.

Ans: A

26. The country does not have enough funds to develop water resources

Ans: A

Direction 27-32: In each of the following questions, find out which part of the sentence has an error. if there is no mistake the answer is 'no error'

27. My father is / in bad mood / today. / no error

   A   B   C   D

   Ans : B

34. Both the civilians/ and armymen / joined the First World War / today. / No error

   A   B   C   D   E
28. The school is / with in hundred yards / from my house / no error
   A     B     C     D
   Ans : B

29. As soon as the teacher entered / everyone fell / in a silence / no error
    A        B     C     D
    Ans : C

30. He took to / reading Times / for better knowledge / of the facts. / no error
    A        B     C     D     E
    Ans : B

31. I will put on / a note in this regard / for your consideration / and necessary decision. / no error
    A        B     C     D     E
    Ans : A
32. He has been working on the problem from a long time but is still not able to solve it. no error

A B C D E

Ans: E

Directions 33-40: In each question, a part of sentence is printed in italics. Below each sentence, some phrases are given which can substitute the italicized part of the sentence. If the sentence is correct as it is, the answer is 'No correction required'

33. He did many mischiefs

A. made many a mischiefs
B. Made much mischief
C. Committed many mischiefs
D. No Correction required

Ans: C

34. Rohit is as fast as or perhaps faster than Manish.

A. Equally fast
B. almost as fast
C. as fast
D. No Correction required

Ans: C

35. All his family members are in Kanpur.
A. All of his family members

B. All the family members if his

C. All the members of his family

D. No Correction required

Ans: C

36. I often see him dancing the top

A. rotating

B. encircling

C. dodging

D. No Correction required

Ans: D

37. What is the time in your watch?

A. on   B. by   C. from   D. No Correction required
38. Columbus invented America

A. searched  B. traced  C. discovered  D. No Correction required

Ans: C

39. Wise men catch time by the forelock.

A. Hold  B. seize  C. take  D. No Correction required

Ans: B

40. A bird in hand is worth two in bush

A. two in the bush  b. two at a bush  c. two on bush  D. No Correction required

Ans: A

HR:
It doesn't contain and tech q? They will ask puzzles and hr related q? so need to worry about ur technical skills....
firstly i was asked how was the pattern before and how is it now? firstly i was told to introduce myself next few puzzles asked by the HR:

1)If u r are having only 1 day time to complete the project given to you,...and u ll have to leave the job if u havent completed wat wud u do.? other constraint is u
cant complete in 1 days time...

2) if u r in 10th class... and u have to select 10 classical dancers from classes 8th 9th and 10th... and u r given 3 days time... how wud u do???
3) what r ur hobbies?

4) if i am in a train and the train got stuck up due to som technical problems and it takes 1 complete day to recover from that place... what wud u do? constraint is... u cant go anywhere... its too far to reach the near by places....

5) i was given two cubes and was told to mak a pyramid.
6) there is a small sland and the water is 100 feet below and full of sharks... the island is full of grass... if suppose it suddenly catches fire wat wud u do?
7) what are ur weakness... etc etc...

i cant remember the rest... but my HR went on for 45 mins... finally i shook hands with her and came out... i was told that the results will b announced thru mail aftr 4-5 weeks... hopes are there that i l clear the test... plzz pray for me...

INFOSYS PLACEMENT PAPER

Exercise 1:

The passage given below is followed by questions based on its content. Read the passage & choose the best answer 4 the questions

The Death Car

It was cold night in September. The rain was drumming on the car roof as George & Marie Winston drove through the empty country roads towards the house of their friends, the Harrissons, where they were going to attend a party to celebrate the engagement of the Harrisons daughter, Lisa. As they drove, they listened to the local radio station, which was playing classical music. They were about 5 miles from the destination when the music on the radio was interrupted by a news announcement: "The Cheshire police have issued a serious warning after a man escaped from Colford Mental Hospital earlier this evening. The man, John Downey, is murderer who killed 6 people before he was captured 2 years ago. He is described as large, very strong & extremely dangerous. People in the Cheshire area are warned to keep their doors & windows locked, & to call the police immediately if they se anyone acting strangely." Marie shivered, "A crazy killer. And he's out there somewhere. That's scary." "Don't worry about it," said her husband. "We're nearly there now. Anyway, we have more important things to worry about. This car is losing power for some reason—it must be that old problem with the carburetor. If it gets any worse, we'll have to stay at the Harrisons' tonight & get it fixed before we travel back tomorrow," As he spoke, the car began to slow down, George pressed the accelerator, but the engine only coughed. Finally they rolled to a halt, as the engine died completely. Just as they stopped, George pulled the car off the road, & it came to rest under a large tree. "Blast!" said George angrily. "Now we'll have to walk in the rain." "But that'll take us an hour at least," said Marie. "And I have my high-held shoes & my nice clothes on. They'll be ruined!" "Well, you'll have to wait while I run to the nearest house & call the Harissons. Someone can come out & picks us up," said George. "But George! Have you forgotten what the radio said? There's a homicidal maniac out there! You can't leave me alone here!" "You'll have to hide in the back of the car. Lock all the doors & lie under this blanket. No-one will see you, when I come back, I'll knock 3 times on the door. Then you can get up & open it. Don't open it unless you here 3 knocks." George opened the door & slipped out into the rain. He quickly disappeared into the blackness. Marie quickly locked the doors & settled down under the blanket in the back for a long wait. She was frightened & worried, but she was a strong-minded woman. She had not been waiting long, however, when she heard a strange
scratching noise. It seemed to be coming from the roof of the car. Marie was terrified. She listened, holding her breath. Then she heard 3 slow knocks, one after the other, also on the roof of the car. Was it her husband? Should she open the door? Then she heard another knock, and another. This was not her husband. It was somebody--or something--else. She was shaking with fear. But she forced herself to lie still. The knocking continued-- bump, bump, bump, bump Many hours later, as the sun rose, she was still lying there. She had not slept for a moment. The knocking had never stopped, all night long. She did not know what to do. Where was George? Why had he not come for her?

Suddenly, she heard the sound of 3 or 4 vehicles, racing quickly down the road. All of them pulled up around her, their tires screeching on the road. At last! Some one had come! Marie sat up quickly & looked out the window.

The 3 vehicles were all police cars, & 2 still had their lights flashing. Several policemen leap out. One of them rushed towards the car as Marie opened the door. He took her by the hand.

"Get out of the car & walk with me to the police vehicle. miss. You’re safe now. Look straight ahead. Keep looking at police car. Don’t look back. Just don’t look back."

Something in the way he spoke filled Marie with cold horror. She could not help herself. After 10 yards from the police car, she stopped, turned & looked back at the empty vehicle.

George was hanging from the tree above the car, a rope tied around his neck. As the wind blew his body back & forth, his feet were bumping gently on the roof of the car-- bump, bump, bump, bump

1) What was the reason for the news announcement on the radio?
   a) 6 people. Including John Downey, had been murdered?
   b) A dangerous prisoner had escaped
   c) The police were warning of accidents on the roads in the bad weather
   d) Some people had been acting strangely in the Cheshire area

2) What did George think was causing trouble with the car?
   a) The carburetor
   b) The rain drumming on the roof
   c) The accelerator
   d) He had no idea

3) Why did he pull the car off the road?
   a) To have a rest
   b) To go for a walk
c) To walk to the nearest house

d) It broke down

4) Why did Marie stay in the car when George left?
   a) She was afraid to go out in the dark
   b) So no one could steal the car
   c) Her clothes weren’t suitable for the rain
   d) She wanted to get some sleep

5) Where did George set off to walk?
   a) The mental hospital
   b) The nearest house
   c) The Harrison’s house
   d) The police station

6) What made Marie so frightened as she waited in the car?
   a) There was a strange sound coming from the roof
   b) She could see a man strangely outside the car
   c) Some police cars came racing down the road
   d) She was afraid of the rain and the dark

**Exercise 2:**

Each sentence below has 1 or 2 blanks – each blank indicating that something has been omitted. Beneath the sentence are some words. Choose the word for each blank that best fits the meaning of the sentence as a whole

7) Athletes have so perfected their techniques in track and field events that the___ becomes _________ before record books
8) A_______ child, she was soon bored in class; she already knew more mathematics than her junior school teachers
   a) Obdurate
   b) Precocious
   c) Recalcitrant
   d) Contemporary

9) The subtle shades of meaning, & still subtler echoes of association, make language an instrument which scarcely anything short of genius can wield with ____________ & _______________
   a) Confidence--------aloofness
   b) Definiteness--------certainty
   c) Sincerity-----------hope
   d) Eloquence-----------ruthlessness

10) Unwilling to admit that they had been in error, the researchers tried to_______ tried case with more data obtained from dubious sources
    a) Ascertain
    b) Buttress
    c) Refute
    d) Dispute

11) His one vice was gluttony & so it is not surprising that as he aged he became increasingly___________
Exercise 3:

Please read all the questions in the table below (12-21) as one continuous passage. Tick the verb with the right tense or the correct word to fill in the gaps in each of the sentences.

Statement
12) A famous singer had been contracted to sign at a Paris opera house & ticket sales______________ booming.
   a) is
   b) are
   c) were
   d) have been

13) In fact, the night of the concert, the house was packed; every ticket ________________
   a) is selling
   b) was selling
   c) sold
   d) had been sold

14) The feeling of anticipation & excitement was in the air as the house manager__________ the stage & said, "Ladies & gentlemen, thank you for your enthusiastic support!"
   a) took
   b) takes
   c) had taken
   d) was taking

15) I am afraid that due to illness, the man whom you've all come to hear______________ performing tonight
   a) will not be
   b) has not been
   c) had not been
   d) was not
16) However, we _________ a suitable substitute who, we hope, will provide you with comparable entertainment.”
   a) are finding
   b) were finding
   c) had found
   d) have found

17) The crowd___________ in disappointment & failed to hear the announcer mention the stand-in’s name
   a) groans
   b) groaned
   c) had groaned
   d) were groaning

18) The environment turned from excitement to frustration The stand-in performer___________ the performance everything he had.
   a) will give
   b) had given
   c) gave
   d) gives

19) When he had finished, there was nothing but an uncomfortable silence. No one _____________
   a) Applauded
   b) Applauds
   c) Was applauding
   d) Has applauded

20) Suddenly, from the balcony, a little boy stood up and__________, “Daddy, I think you’re wonderful!”
   a) shouts
   b) was shouting
   c) had shouted
   d) shouted

21) The crowd________________ into thunderous applause
   a) breaks
   b) broke
   c) had broken
   d) was breaking

   a) Driving long distances causes sleepiness, & sleepiness causes serious accidents.
Exercise 4:

From each group of sentences given below, indicate the sentence that contains the error:

22) Group 1

b) On a table at the rear of the room was a notebook, a pair of scissors, & a biology textbook

c) Finally, there seems to be a growing interest in vegetarianism in this country

d) Either the local chief of police or his officers are guilty of violating the rights of prisoners

23) Group 2

a) Simple cookbooks for inexperienced cooks have become quite popular in recent years they are available at many bookstores

b) Some cookbooks, such as The Joy of cooking, have been classics for generations

c) One popular cookbook is The Art of French Cooking, by Julia Child, a colorful character who charmed television audiences for many years

   d) The Art of French Cooking blends classic recipes with meticulous explanation; ordinary cooks find the recipes manageable

24) Group 3

a) Around 50% of the forest are destroyed every year

b) The bus leaves tomorrow morning

c) A tiger is a dangerous animal

   d) Can you please the sugar?

25) Group 4

a) There must be some mistake. I should have scored more marks

b) The number of trainees are hundred

   c) 50% of the houses need repairs
d) The Commissioner, along with his family members was seen the party

26) Group 5

a) The scissors is very sharp
b) Congratulations are in order
c) One of the cases is open
d) She plays tennis well but she’ll never be a Steffi Graf

Exercise 5:

Please mark the correct statement from the pairs given below:

27) Pair 1

a) Repeated occurrences cannot be ignored
b) Repeated occurences cannot be ignored

28) Pair 2

a) We need to get a consensus on the decision
b) We need to get a concensus on the decision

29) Pair 3

a) Only authority personnel are allowed in this area
b) Only authorized personnel are allowed in this area

30) Pair 4

a) The actress decided to sue the sleazy tabloid for deformation of her character
b) The actress decided to sue the sleazy tabloid for defamation of her character
31) Pair 5

a) Everyone knows that Hogwarts in the Harry Potter series is a mythical school
b) Everyone knows that Hogwarts in the Harry Potter series is a legendary school

32) Pair 6

a) Most people think caffeine is not good for health
b) Most people think caffeine is not good for health

Exercise 6:

Select the best word/phrase/line to complete each sentence in the most appropriate manner

33) 'Reema’s bad-mouthing Peter only because she is jealous of him.’ Means______________

a) Peter really is a nice person
b) Peter really is a mean person
c) Peter really is a difficult person
d) Peter really is a tough person

34) If some one is "gung ho", they are_______

a) stupid
b) Childish
c) Enthusiastic
d) Loud

35) Mr. Hughes has been asked to____________ this difficult project because of his experience working for many years in Iran
a) undergo
b) understand
c) undervalue
d) undertake

36) `Stop talking to those angry men, you are just adding fuel to the fire’ is the same as_______
   a) Stop talking to those angry men, you are just coming in the way
   b) Stop talking to those angry men, you are just making it worse
   c) Stop talking to those angry men, you are just adding to the noise
   d) Stop talking to those angry men, you are just talking too much

37) `Sudhir’s work is behind schedule – I think he bit more than he could chew’ is the same as_______
   a) Sudhir has taken too much of work
   b) Sudhir takes very long breaks
   c) Sudhir does not know how to do the work
   d) Sudhir is a lazy person

38) There are many__________ to our rules, and I do not think that’s fair.
   a) examples
   b) exceptions
   c) instances
   d) provisions

Exercise 7:
Choose the correct / most appropriate word/s to fill in the gap in the sentences given below.
39) I didn’t set _________ to do this but I’m pleased with the result.
   a) in
   b) out
   c) on
   d) down

40) This looks too heavy, ____________ pick it up?
   a) Can I
   b) may I
   c) need I
   d) would I

41) I am glad so many people have passed the test. In fact, there were _________ who haven’t.
   a) little
   b) a little
   c) few
   d) a few

42) Pope John Paul II ____________ more than 90 countries.
   a) has visited
   b) was visited
   c) visits
   d) has been visiting

43) I ____________ Carl since I ____________ a little child.
   a) have known, have been
b) have known, was

c) knew, have been

d) knew, was

44) I wonder if ____________ will show up at the meeting?

   a) someone
   
   b) anyone
   
   c) one
   
   d) everyone

45) Have you given up _____________.

   a) to smoke
   
   b) smoke
   
   c) some smoking
   
   d) smoking

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**Infosys Test consists two sections**

**Written Test**
Non-Technical Interview (interviewer is a HR )

Written Test
Aptitude Test (30Questions and 40 min)
Verbal Ability (40Questions and 35 min)
Aptitude Test (30Questions and 40 min)
5 Questions From Find Next Figure
2 puzzles
5 Questions From Data sufficiency (scoring sec)
5 Question From Data Interpretation (some what difficult when compared to other Question in this sec)
5 Question From Syllogism
Then Second cutoff for this section is 18 out of 30 Question so be clever in answering this section.

**Verbal Section**
It has 40 Questions to be completed in 30 Mints.
Two very lengthy passage and 5 Question From each passage
Previously asked questions

1. A boy asks his father, "what is the age of grand father?". Father replied " He is x years old in x^2 years", and also said, "we are talking about 20th century". what is the year of birth of grand father?
   Ans: 1892

2. A boy travels in a scooter after covering 2/3rd of the distance the wheel got punctured he covered the remaining distance by walk. Walking time is twice that of the time the boy?s riding time. How many times the riding speed as that of the walking speed?
   Ans: 4 times.

3. In a Knockout tournament 51 teams are participated, every team thrown out of the tournament if they lost twice. How many matches to be held to choose the winner?
   Ans: 101 matches

4. A man sold 2 pens. Initial cost of each pen was Rs. 12. If he sell it together one at 25% profit and another 20% loss. Find the amount of loss or gain, if he sells them seperately.
   Ans: 60 Paise gain

5. Find the 3 digit no. whose last digit is the squareroot of the first digit and second digit is the sum of the other two digits.
   Ans: 462

6. Meera was playing with her brother using 55 blocks. She gets bored playing and starts arranging the blocks such that the no. of blocks in each row is one less than that in the lower row. Find how many were there in the bottom most row?
   Ans: 10

7. Two people are playing with a pair of dies. Instead of numbers, the dies have different colors on theirsides. The first person wins if the same color appears on both the dies and the second person wins if the colors are different. The odds of their winning are equal. If the first dice has 5 red sides and 1 blue side, find the color(s) on the second one.
   Ans: 3 Red, 3 Blue

8. A person travels in a car with uniform speed. He observes the milestone, which has 2 digits. After one hour he observes another milestone with same digits reversed. After another hour he observes another milestone with same 2 digits separated by 0. Find the speed of the car?
   Ans: 45

9. Three persons A, B &C went for a robbery in different directions and they theft one horse, one mule and one camel. They were caught by the police and when interrogated gave the following statements
   A: B has stolen the horse
   B: I didn’t rob anything.
   C: both A & B are false and B has stolen the mule.
   The person who has stolen the horse always tell the truth and
   The person who has stolen the camel always tell the lie.
Find who has stolen which animal?
Ans: A - camel
B - mule
C - horse

10. One quarter of the time till now from midnight and half of the time remaining from now up to midnight adds to the present time. What is the present time?
Ans: 9:36 AM

11. After world war II three departments did as follows First department gave some tanks to 2nd & 3rd departments equal to the number they are having. Then 2nd department gave some tanks to 1st & 3rd departments equal to the number they are having. Then 3rd department gave some tanks to 2nd & 1st departments equal to the number they are having. Then each department has 24 tanks. Find the initial number of tanks of each department?
Ans:
A - 39
B - 21
C - 12

12. A, B, C, D&E are having their birthdays on consecutive days of the week not necessarily in the same order. A’s birthday comes before G’s as many days as B’s birthday comes after E’s. D is older than E by 2 days. This time G’s birthday came on Wednesday. Then find the day of each of their birthdays?
Ans:
Birthday of D on SUNDAY
Birthday of B on MONDAY
Birthday of E on TUESDAY
Birthday of G on WEDNESDAY
Birthday of A on THURSDAY

13. A girl ‘A’ told to her friend about the size and color of a snake she has seen in the beach. It is one of the colors brown/black/green and one of the sizes 35/45/55. If it were not green or if it were not of length 35 it is 55. If it were not black or if it were not of length 45 it is 55. If it were not black or if it were not of length 35 it is 55.
a) What is the color of the snake?
b) What is the length of the snake?
Ans:
a) brown
b) 55

14. There are 2 persons each having same amount of marbles in the beginning. After that 1 person gain 20 more from second person n he eventually lose two third of it during the play n the second person now have 4 times marble of what 1st person is having now. find out how much marble did each had in the beginning.
ANSWER - 100 each

15. A lady was out for shopping. She spent half of her money in buying A and gave 1 dollar to bagger. Further she spent half of her remaining money and gave 2 dollars to charity. Further she spent half of remaining money n gave 3 dollar to some children. now she has left with 1 dollar. how much she had in the beginning?
Ans $42
16. There are certain diamonds in a shop.
   1 thief stole half of diamonds and 2 more.
   2 thief stole half of remaining and 2 more
   3. same as above
   4 same as above.
   5 came nothing was left for that. how many diamonds was there???
   Ans 60 diamond

17. There are three frens A B C.
   1. Either A or B is oldest
   2. Either C is oldest or A is youngest.
   Who is Youngest and who is Oldest?
   Ans A is youngest n B is oldest.

18. Father says my son is five times older than my daughter. my wife is 5 times older that
my son. I am twice old from my wife and altogether (sum of our ages) is equal to my
mother 's age and she is celebrating her 81 birthday. so what is my son's age?
   Ans - 5 years.

19. In Mulund, the shoe store is closed every Monday, the boutique is closed every Tuesday,
the grocery store is closed every Thursday and the bank is open only on Monday,
Wednesday and Friday. Everything is closed on Sunday.
One day A, B, C and D went shopping together, each with a different place to go. They
made the following statements:
A D and I wanted to go earlier in the week but there wasn?t day when we could both take
care of our errands.
B I did not want to come today but tomorrow I will not be able to do what I want to do.
C I could have gone yesterday or the day before just as well as today.
D Either yesterday or tomorrow would have suited me.
Which place did each person visit ?
Ans: A - BOUTIQUE
B - BANK
C - GROCERY
D - SHOE

20. 5 hunters Doe, Deer, Hare, Boar and Row kill 5 animals. Each hunter kills an animal that
does not correspond to his name. Also each hunter misses a different animal which again
does not correspond to his name.
a) The Deer is killed by the hunter, known by the name of the animal killed by Boar.
b) Doe is killed by the hunter, known by name of animal missed by Hare.
c) The Deer was disappointed to kill only a Hare and missed the Roe.

21. A local forecast service has accuracy of 2/3 says No rain, and Meteoriological service
having accuracy of 4/3 says Rain. if Preference is as no rain what is the chance of rain?

22. a) 10 1 9 2 8 3 7 4 6 5 6 4 7 3 8 2
   b) 2 4 16 512
   Write the next elements in the series.

23. A Man is sitting in the last coach of train could not find a seat, so he starts walking to
the front coach , he walks for 5 min and reaches front coach. Not finding a seat he walks
back to last coach and when he reaches there, train had completed 5 miles. What is the
speed of the train.

24. The Old car of Mary requires tyres to be changed after each 24000 km. If she wants to go for 42000 km journey then how many minimum number of tyres she will need.

25. A coin is so unbalanced that it may come both heads in 2 tosses as it may come tails in a single toss. What is the probability of getting a head in a single toss.

27. A pen, pencil and eraser together cost $1.00. if 2E2P, and 3P>4E then what a single pen will cost?

28. A local forecast service has accuracy of 2/3 says No rain , and Meteriological service having accuracy of 4/3 says Rain. if Preference is as no rain what is the chance of rain?

29. Sherlock holmes thwarted the plan to kidnapp Mrs mary when they were questioned Mercy and his two associated shippy and rany.when they were telling the story one of them told one thing wrong and other true, the other told both true, and the last told both false. examining the following tell the roles played by each
   Mercy:: 1) i wrote the ransome note
   2) shippy broke into the window
   rany 1) shippy wrote the ransome note
   2) mercy ran away with the lady
   shipy 1)i broke into the window
   2)rany wrote the ran some note.

30. Tom asked kim did you like the stamps? She said yes ,me and rob too liked them. Kim again said that rob got 3 more than he would have got, if i would have kept 2 more than, what he got. Tom asked how many u gave Rob? She replied 2 more than what I got. Tell, how many stamps each rob and kim got?

31. The virgo club members used to meet every week to play cards. Each time they used to seat around a round table and for their memory they used all the possiblecombinations of postions each for a single time only. Can you tell for how many times they met?

Essays Asked
If you are given a chance to change a thing in you hometown, what would you change? Give examples why you want to do so.
Television is creating a communication gap among young generation.

32. A person needs 6 steps to cover a distance of one slab. If he increases his foot length (step length) by 3 inches he needs only 5 steps to cover the slabs length. What is the length of the each slab.
Ans: 31 inches.

33. There are 19 red balls and one black ball. Ten balls are put in one jar and the remaining 10 are put in another jar. What is the possibility that the black is in the right jar.
Ans: 1/2.

34. There is one lily in the pond on 1st june. There are two in the pond on 2nd june . There are four on3rd june and so on. The pond is full with lilies by the end of the june.
   (i) On which date the pond is half full?
   Ans: 29th. --the june has 30 days).
   ii) If we start with 2 lilies on 1st june when will be the pond be full with lilies.
   Ans: 29th June.
35. A lorry starts from Banglore to Mysore at 6.00 A.M, 7.00 A.M, 8.00 am.....10 pm. Similarly one another starts from Mysore to Banglore at 6.00 am,7.00 am, 8.00 am.....10.00pm. A lorry takes 9 hours to travel from Banglore to Mysore and vice versa.
(i) A lorry which has started at 6.00 am will cross how many lorries. Ans: 10.
(ii) A lorry which had started at 6.00pm will cross how many lorries. Ans: 14.

36. A person meets a train at a railway station coming daily at a particular time. One day he is late by 25 minutes, and he meets the train 5 k.m. before the station. If his speed is 12 kmph, what is the speed of the train.
Ans: 60 kmph. Refer--Shakuntala Devi Book.

37. A theif steals half the total no of loaves of bread plus 1/2 loaf from a backery. A second theif steals half the remaing no of loaves plus 1/2 loaf and so on. After the 5th theif has stolen there are no more loaves left in the backery. What was the total no of loaves did the backery have at the biggining.
Ans: 31.

38. A gardener plants 100 meters towards east, next 100 meters towards north,next 100 meters towards west. 98 meters towards east, 96 meters towards north and 96 meters towards south. and 94 meters towards east and so on. If a person walks between the trees what is the total distance travelled by him before he reaches the center.
Ans: |---------------| | | | | | | | | | | |------------| - | | |------------| - |

39. From a vessel, 1/3rd of the liquid evaporates on the first day. On the second day 3/4th of the remaining liquid evaporates. What fraction of the volume is present at the end of the second day.
Ans: 50%.

40. There is a 4 inch cube painted on all sides. This is cut down into of 1 inch cubes. What is the no of cubes which have no pointed sides?
Ans: 8.

1) If a die has 1,6 and 3,4 and 2,5 opposite each other how many such dies can be made.

2) There are three boxes , In one box Two white balls , In two box 2 black balls In three box 1 white &1 black
The labes on the boxes are not correct.Then you have to open one box and to find the colour of the balls in all boxes.
Solution: Open the box labled black& white If white balls are there then the box labled with white balls contain black balls and labled with black balls contain one black and one white ball and viceversa if two black ballsare there.

3) there are containing 5 , 7 , 14 , 16 , 18 , 29 balls of either red or blue in colour. Some boxes contain only red balls and others contain only blue . One sales man sold one box out of them and then he says “I have the same number of red balls left out as that of blue “. Which box is the one he solds out ?
Ans : total no of balls = 89 and (89-29 /2 = 60/2 = 30
and also 14 + 16 = 5 + 7 + 18 = 30
4) A chain is broken into three pieces of equal lengths containing 3 links each. It is taken to a blacksmith to join into a single continuous one. How many links are to be opened to make it? Ans: 2.

5) When the actual time passes 1 hr wall clock is 10 min behind it when 1 hr is shown by wall clock, table clock shows 10 min ahead of it when table clock shows 1 hr the alarm clock goes 5 min behind it, when alarm clock goes 1 hr wrist watch is 5 min ahead of it assuming that all clocks are correct with actual time at 12 noon what will be time shown by wrist watch after 6 hr

Ans—5:47:32.5

\[(n \times 60) \times \frac{50}{60} \times \frac{70}{60} \times \frac{55}{60} \times \frac{65}{60}\]

6) Complete the following
a. $ * * $ @ * ? ?
# @ @ # $ ? ? some what similar like this...but not clear.
b. 1, 3, 7, 13, 21, __, 43
c. 1, 3, 9, __, 16900
Ans : 31

7) A girl took part in a (some) game with many others in a circular closed circuit. After pedaling for several minutes, she found that \(\frac{1}{3}\)th of the cyclists ahead of her and \(\frac{3}{4}\)th of the cyclists behind him together formed the total no. of participants. How many were participating in the race?

OF all pets I have, except 2 all are rabbits
OF all pets I have, except 2 all are fish
OF all pets I have, except 2 all are cats
How many rabbits, fish and cats are there?

9) Given

carpenter + painter = 1100
painter + electrician = 3200
electrician + plumber = 5100
plumber + mason = 2200
mason + labour = 3000
labour + painter = 1100

Find every person’s cash? (I dont know the exact amount mentioned above.)

7) Out of 30 questions, the three persons A, B & C answered 45 correct answers, B answered 55% of A, B and C together answered 25% more of what A answered. Find how many answers each answered?

Jim, Bud and Sam were rounded up by the police yesterday. Because one of them was suspected of having robbed the local bank. The three suspects made the following statements under intensive questioning.

Jim: I’m innocent
Bud: I’m innocent
Sam: Bud is the guilty one.
If only one of the statements turned out to be true, who robbed the bank?

9) There are two containers on a table. A and B. A is half full of wine, while B, which is twice A’s size, is one quarter full of wine. Both containers are filled with water and the contents are poured into a third container C. What portion of container C’s mixture is wine?
10) A wall clock loses 10 minutes every 1 hour. In 1 hour by the wall clock, a table clock gets 10 minutes ahead of it. In 1 hour by the table clock an alarm clock falls 5 minutes behind it. In 1 hour of the alarm clock, a wristwatch gets 5 minutes ahead it. At noon, all 4 timepieces were set correctly. To the nearest minutes, what time will the wrist show when the correct time is 6 p.m. on the same day?

11) “You see,” said Mrs. Murphy, “Paddy is now one and one-third times as old as he was when he took to drink, and little Jimmy, who was forty months old when Paddy took to drink is now two years more than half as old as I was when Paddy took to drink, so when little Jimmy is as old as Paddy was when he took to drink, our three ages combined will amount to just one hundred years.” How old is little Jimmy?

12) Both the Allens and the Smiths have two young sons under eleven. The name of the boys whose ages rounded off to the nearest year are all different are Arthur, Bert, Carl and David. Taking the ages of the boys only to the nearest year, the following statements are true
* Arthur is three years younger than his brother
* Bert is the oldest
* Carl is half as old as one of the Allen boys
* David is five years older than the younger Smith boy
* the total ages of the boys in each family differ by the same amount today as they did five years ago
How old is each boy and what is each boy’s family name.

13) In a certain organization there are either men eligible to serve on a newly established committee of four. The selection of the members is not an easy matter, however for there are jealousies and attachments among the candidates which prevents a free choice of four committeemen, if you were the president of the organization could you select a committee of four satisfying all these whims?
* Ames will serve with anybody
* Brown won’t serve unless Clayton serves
* Clayton won’t serve with Evans
* Davis won’t serve without Hughes
* Evans will serve with anybody
* French won’t serve with Davis unless Grant serves too, and won’t serve with Clayton unless Davis also serves
* Grant won’t serve with both Brown and Clayton and won’t serve with either Ames or Evans
* Hughes won’t serve unless either Brown or French serves and won’t serve with Clayton unless Grant serves too and won’t serve with both Ames and Evans

14) An artist has exactly seven paintings — ,T,U,V,W,X,Y, and Z — from which she must choose exactly five to be in an exhibit. Any combination is acceptable provided it meets the following conditions:
* If T is chosen, X cannot be chosen
* If U is chosen, Y must also be chosen
* If V is chosen, X must also be chosen
15) Which one of the following is an acceptable combination of paintings for inclusion in the exhibit?
A. T,U,V,X,Y
B. T,U,V,Y,Z
C. T,W,X,Y,Z
D. U,V,W,Y,Z
16) If painting T is chosen to be among the paintings included in the exhibit which one of the following cannot be chosen to be among the paintings included in the exhibit?
A. U
B. V
C. W
D. Y
E. Z

77) Which one of the following substitutions can the artist always make without violating restrictions affecting the combination of paintings given that the painting mentioned first was not, and the painting mentioned first was not, and the painting mentioned second was, originally going to be chosen?
A. T replaces V
B. U replaces Y
C. V replaces X
D. W replaces Y
E. Z replaces W

18) If the artist chooses painting V to be included among the paintings in the exhibit, which one of the following must be true of that combination of paintings?
A. T is not chosen
B. Y is not chosen
C. U is chosen
D. W is chosen
E. Z is chosen

19) Yesterday my mother asked me to buy some stamps. Stamps are available in 2 paise, 7 paise, 10 paise, 15 paise and 20 paise denominations. For three types of stamps I was asked to buy five of each. For the other two types of stamps I was asked to buy six of each. Unfortunately I forgot which I was supposed to buy five of and which to buy six of. Luckily my mother had given me the exact money required to buy the stamps, Rs. 3.00 and the shopkeeper was able to give me the correct stamps. Which stamps did I buy?

20) Farmer Jones sold a pair of cows for Rs. 210, on one he made a profit of ten percent and on the other he lost ten percent. Altogether he made a profit of five percent. How many did each cow originally cost him?

21) Meera was playing with her brother using 55 blocks. She gets bored playing and starts arranging the blocks such that the no. of blocks in each row is one less than that in the lower row. Find how many were there in the bottom most row?

22) Rahul took part in a cycling game with many others in a circular closed circuit. After pedaling for several minutes, he found that 1/5th of the cyclists ahead of him and 5/6th of the cyclists behind him together formed the total no. of participants. How many were participating in the race?

23) Tom wants to catch a hare. He is standing 250 yards south from the hare. The hare starts moving due east. Tom, instead of moving in the northeast direction, moves in such a way that at every instant, he is going towards the hare. If speed of tom is one and one-third times that of the hare, find the distance each traveled before he caught the hare.
24) Two people are playing with a pair of dies. Instead of numbers, the dies have different colors on their sides. The first person wins if the same color appears on both the dies and the second person wins if the colors are different. The odds of their winning are equal. If the first dice has 5 red sides and 1 blue side, find the color(s) on the second one.

25) A company’s director said during the board meeting: “The company’s income from roads will be sufficient to pay 6% of the entire stock issue, but since we are paying 7.5% interest on the preferred stock of Rs.4, 000,000 we are able to pay only 5% of the common stock”. Find the value of the common stock.

26) Mr. ANYMAN left ANYTOWN by car to attend a wedding at ANYCITY. He had been driving for exactly two hours when the car got punctured. It took his driver exactly ten minutes to change the wheel. In order to play safe they covered the remaining distance at a speed of 30 mph. consequently, Mr. ANYMAN was at wedding half an hour behind schedule. Had the car got the puncture only 30 miles later, I would have been only FIFTEEN minutes late he told the driver. How Far is ANYCITY from ANYTOWN. 
Ans: 120 miles

27) Alpha, Beta, gamma, delta and epsilon are friends and have birthdays on consecutive days though may not be in order. Gamma is as many days old to Alpha as Beta is younger to Epsilon. Delta is two days older then Epsilon. Gamma’s Birthday is on Wednesday. Tell whose birthday is when.
Ans: 
Alpha: Friday 
Beta: Saturday 
Gamma: Wednesday 
Delta: Tuesday 
Epsilon: Thursday

28) The quarter of the time from midnight to present time added to the half of the time from the present to midnight gives the present time. What is the present time?
Ans: 9hrs past 36 minutes AM

29) A man is going to a wedding party. He travels for 2hrs when he gets a puncture. Changing tyres takes 10mins. The rest of the journey he travels at 30 miles/hr. He reaches 30mins behind schedule. He thinks to himself that if the puncture had occurred 30miles later, he would have been only 15mins late. Find the total distance traveled by the man

30) After world war II three departments did as follows First department gave some tanks to 2nd &3rd departments equal to the number they are having. Then 2nd department gave some tanks to 1st & 3rd departments equal to the number they are having. Then 3rd department gave some tanks to 2nd &1st departments equal to the number they are having. Then each department has 24 tanks. Find the initial number of tanks of each department?
Ans ; A-39 B-21 C-12

31) A girl ‘A’ told to her friend about the size and color of a snake she has seen in the beach. It is one of the colors brown/black/green and one of the sizes 35/45/55.
If it were not green or if it were not of length 35 it is 55.
If it were not black or if it were not of length 45 it is 55.
If it were not black or if it were not of length 35 it is 55.
a) What is the color of the snake?
b) What is the length of the snake?
32) A man was on his way to a marriage in a car with a constant speed. After 2 hours one of the tier is punctured and it took 10 minutes to replace it. After that they traveled with a speed of 30 miles/hr and reached the marriage 30 minutes late to the scheduled time. The driver told that they would be late by 15 minutes only if the 10 minutes was not waste. Find the distance between the two towns?

33) Three clocks where set to true time. First run with the exact time. Second slows one minute/day. Third gains one minute/day. After how many days they will show true time.

34) There were some containers of quantity 1, 3, 4, 5, 6, 12, 15, 22, 24, 38 liters. Each was filled with some liquid except one. The liquids are milk, water and oil. Quantity of each was like this. Water = 2* milk oil = 2* water. Find out which container was empty and containers filled with milk and oil.

35) Two travelers, one with 64 barrels of wine, other with 20 barrels of wine. They don't have enough money to pay duty for the same. First traveler pays 40 francs and gives his 5 barrels, Second traveler gives his 2 barrels but gets 40 francs in exchange. What's value of each barrel, and duty for each barrel?
   Ans: Value of each barrel-120 francs, Duty on each-10 francs

36) What is Ann's relation with her husband's mother's only daughter-in-law's sister's husband?
   Ans: Brother-in-law

37) Some guy holding a glass of wine in his hand looking around in the room says, “This is same as it was four years ago, how old are your two kids now?” Other guy says “Three now, Pam had one more in the meanwhile.” Pam says, “If you multiply their ages, answer is 96 and if you add the ages of first two kids, addition is same as our house number.” The first guy says, “You are very smart but that doesn’t tell me their ages.” Pam says, “It's very simple, just think.” What are the ages of three kids?
   Ans: 8, 6, 2

38) A motor cyclist participant of a race says “We drove with the speed of 10 miles an hour one way, but while returning because of less traffic we drove on the same route with 15 miles per hour.” What was their average speed in the whole journey?
   Ans: 12 miles per hour

39) Given following sequence, find the next term in the series:
   (i) 0, 2, 4, 6, 8, 12, 12, 20, 16, ____ Ans: 12
   (ii) 3, 6, 13, 26, 33, 66, ____ Ans: 53

40) Three customers want haircut and a shave. In a saloon, two barbers operate at same speed. They take quarter of an hour for the haircut and 5 mins for the shave. How quickly can they finish the haircut and shave of these three customers?
   Ans: 30 minutes

41) A shopkeeper likes to arrange and rearrange his collection of stamps. He arranges them sometimes in pair, sometimes in bundle of three, sometimes in bundle of fours, occasionally in bundle of fives and sixes. Every time he’s left with one stamp in hand after arrangement in bundles. But if he arranges in the bundle of seven, he’s not left with any stamp. How many stamps does a shopkeeper have?
42) Three different types of objects in a bucket. How many times does one need to select object from the bucket to get at least 3 objects of the same type?
   Ans: 7

43) A stamp collector has the habit to arrange or rearrange the stamps accordingly. While doing this he sometimes keeps the stamps in pairs, or in groups of 3 or in 4 or in 6 and realises that in any case he is left with 1 stamp and when he arranges them in groups of 7 no stamps remain. What is the number of stamps he has?

44) Amy while walking down the street with her daughter, meets her husband’s mother’s only daughter in law’s sister’s husband. How is the related to her?

45) There are 3 customers who wants to take a hair cut and shave. There are 2 barbers who takes one quarter of an hour for a hair cut, and 5 minutes for a shave. Both the barbers want to finish off and go quickly to their homes. In what time can it be done?

46) We travelled to a place at the rate of 10 miles per hour and of course returned the same way, but owing to less traffic at the rate of 15 miles per hour. What was our relative speed?

47) There are 3 types of apples in a box. What is the number of apples we should take so that we end up with 3 apples of one kind.

48) a). 3, 6, 13, 26, 33, 66, _  b). 0, 1, 2, 13, 6, 33, 12, 63, 20, 103, _

49) Each alphabet A, B, C is a constant. A = 1, B = 2, C = 3^2, D = 4^9 and so on. Each letter is assigned a value - the position of that letter raised to the value of preceding alphabet. (C = 3^B, D = 4^C and so on) Compute the numerical value of (X - A)(X - B)(X - C)…(X - Y)(X - Z).

50) Mr. T has a wrong weighing pan. One arm is lengthier than other. 1 kilogram on left balances 8 melons on right. 1 kilogram on right balances 2 melons on left. If all melons are equal in weight, what is the weight of a single melon?

Joe's age, Joe's sister's age and Joe's father's age sums up to a century. When Joe is as old as his father, Joe's sister will be twice as old as now. When Joe is as old as his father then his father is twice as old as when his sister was as old as her father.

Ans: Joe = 20 sister = 30 father = 50
10% and another at a profit of 10%. What is the price of each cow?
Ans: Rs. 150 and Rs. 50

Questions 11-15 are to be answered on the following data
A causes B or C, but not both, F occurs only if B occurs, D occurs if B or C occurs, E occurs only if C occurs, J occurs only if E or F occurs, D causes G, H or both, H occurs if E occurs, G occurs if F occurs

11. If A occurs which of the following must occurs
I. F and G
II. E and H
III. D
(a) I only
(b) II only
(c) III only
(d) I, II, & III
(e) I & II (or) II & III but not both
Ans. (e)

12. If B occurs which must occur
(a) D
(b) D and G
(c) G and H
(d) F and G
(e) J
Ans. (a)

13. If J occurs which must have occurred
(a) E
(b) either B or C
(c) both E & F
(d) B
(e) both B & C
Ans. (b)

14. Which may occurs as a result of cause not mentioned
I. D
II. A
III. F
(a) I only
(b) II only
(c) I & II
(d) II & III
(e) I, II & III
Ans. (c)

15. E occurs which one cannot occurs
(a) A
(b) F
(c) D
(d) C
Ans: (b)
Directions 16-20: Each problem consists of a problem followed by two statements. Decide whether the data in the statements are sufficient to answer the question. Select your answer according to whether:
(A) statement 1 alone is sufficient, but statement 2 alone is not sufficient to answer the question
(B) statement 2 alone is sufficient, but statement 1 alone is not sufficient to answer the question
(C) both statements taken together are sufficient to answer the question, but neither statement alone is sufficient
(D) each statement alone is sufficient
(E) statements 1 and 2 together are not sufficient, and additional data is needed to answer the question

16. Is \( x > 0 \)?
   -2\(x\) < 0
   \(x^3 > 0\)

   Ans: D

17. A certain straight corridor has four doors, A, B, C and D (in that order) leading off from the same side. How far apart are doors B and C?
The distance between doors B and D is 10 meters. The distance between A and C is 12 meters.

18. Given that \( x \) and \( y \) are real numbers, what is the value of \( x + y \)?
   \((x^2 - y^2) / (x-y) = 7\)
   \((x + y)^2 = 49\)
   A.
   B.
   C.
   D.
   E.

   Ans: A

19. Two socks are to be picked at random from a drawer containing only black and white socks. What is the probability that both are white? The probability of the first sock being black is 1/3. There are 24 white socks in the drawer.

20. A bucket was placed under a dripping tap which was dripping at a uniform rate. At what time was the bucket full? The bucket was put in place at 2pm. The bucket was half full at 6pm and three-quarters full at 8pm.

Directions (Question 21-25): Read the following information carefully and answer the questions given below it.

Rohit, Kunal, Ashish and John are students of a school. Three of them stay far from the school and one near it. Two study in class IV, one in class V and one in class VI. They study Hindi, mathematics, Social Science. One is good at all the four subjects while another weak in all of these. Rohit stays far from the school and good at Mathematics only while Kunal is weak in Mathematics only and stays close to the school. Neither of these two nor Ashish studies in class VI. One who is good at all the subjects studies in class V.

21. Name of the boy who is good at all the subjects.
   A) Rohit
22. Name the boy who is weak in all the subjects
A) Rohit
B) Kunal
C) Ashish
D) John
Ans: D

23. Which two boys are good at Hindi
A) Rohit and Kunal
B) Kunal and Ashish
C) Ashish and John
D) John and Rohit
Ans: B

24. Which two boys are good at Mathematics
A) Rohit and Ashish
B) Kunal and Ashish
C) John and Ashish
D) Rohit and John
Ans: A

25. Other than Rohit and the boy good at all the subjects, who else stays far from the school?
A) Rohit
B) Kunal
C) Ashish
D) John
Ans: D

Directions 26-30 : The table above shows imports for three types of steel over a six month period. Use this information to answer the following questions

26. Which month showed the largest decrease in total imports over the previous month?
A. Feb
B. Mar
C. Apr
D. May
E. Jun
Ans. B

27. What was the total value of sheet steel (in $) imported over the 6 month period?
A. 56,750
B. 75,300
C. 55,550
D. 42,370
E. 44,750
Ans. C

28. What was the percentage of scrap steel imported in the 6 month period?
A.37.5
B. 35.2  
C. 36.1  
D. 31.2  
E. 38.3  
Ans. D  

29. What was the difference (in thousands of tons) between coil steel and sheet steel imports in the first 3 months of the year?  
A. 10  
B. 16  
C. 18  
D. 19  
E. 20  
Ans. E  

30. What was the approximate ratio of sheet steel and coil steel imports in the first 3 months of the year?  
A. 11:9  
B. 8:9  
C. 7:11  
D. 3:8  
E. 7:4  
Ans. A  

Verbal Ability Test (40 Questions in 35 minutes)

Directions for Questions 1-5: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

A snow leopard roars in the high mountains of Asia. A black rhinoceros gallops across the plains of Africa. A grizzly bear hunts for fish in a North American river. A mother blue whale and her calf glide through the deep waters of the ocean. All of these animals share the Earth with us. They fascinate us with their beauty, their grace, and their speed. We love observing their behavior, and learning more about their habits. But just loving them is not enough. All of these animals are endangered. Many of them have died, and without special care, they may someday disappear from the Earth. Why is it important to care for animals like these? One reason is to protect the balance of life on Earth. Another reason is the beauty of the animals themselves. Each species of animal is special. Once it is gone, it is gone forever. Africa was once filled with an abundance of wild animals. But that is changing fast. One of these animals, the black rhinoceros, lives on the plains of Africa. It has very poor eyesight and a very bad temper! Even though the black rhino is powerful, and can be dangerous, its strength can’t always help it to escape hunters. Some people think that the rhino’s horn has magical powers, and many hunters kill rhinos for their valuable horns. This has caused the black rhino to be placed on the endangered species list. The elephant seems to represent all that is strong and wild in Africa. It once had no natural enemies, but is now endangered—killed for its ivory tusks. The fastest land animal, the cheetah, also lives in Africa. It, too, is becoming extinct as people take over more and more of the land that is the cheetah's natural habitat. Imagine Africa without the powerful rhino, the gentle, intelligent elephant, or the lightning quick cheetah. Once they are gone, they are gone forever. Wherever people are careless about the land, there are endangered species. Grizzly bears like to wander great distances. Each bear needs up to 1,500 square miles of territory to call its homeland. Today, because forests have been cleared to make room for people, the grizzly’s habitat is shrinking and the grizzly is disappearing. It joins other endangered North American animals, such as the red wolf and the American crocodile. In South America, destruction of the rain forest threatens many animals. Unusual mammals, such as the howler monkey and the three-toed sloth, are endangered. Beautiful birds like the great green macaw and the golden
are also becoming extinct. They’re losing their homes in the rain forest, and thousands die when they are caught and shipped off to be sold as exotic pets. The giant panda of Asia is a fascinating and unique animal. Yet there are only about 1,000 still living in the wild. The giant panda’s diet consists mainly of the bamboo plant, so when the bamboo forests die, so does the panda. China is now making an effort to protect these special creatures from becoming extinct. Asia’s big cats are also in trouble. The exotic snow leopard lives high in the mountains. Even there, it faces the loss of its natural habitat, and hunters who kill it for its fur. The tiger, the largest of all the big cats, is hunted merely for sport. Ocean-dwelling animals are in danger of extinction as well. The blue whale is the largest animal in the world. It weighs up to 390,000 pounds. Whale hunting and pollution are this species’ greatest enemies. Unfortunately, it is people who cause many of the problems that animals face. We alter and pollute their habitats. We hunt them for skins, tusks, furs, and horns. We destroy animals that get in the way of farming or building. And we remove them from their natural habitats and take them home as pets. What can you do to help endangered animals? Learn as much as you can about them. The more you know, the more you can help. Make an effort to support zoos and wildlife groups. Many zoos breed endangered animals, helping to ensure that they will continue to live on. Contribute to groups, such as the National Wildlife Federation and the Sierra Club, that work hard to protect animals. You can also be a smart shopper and never buy a pet that has been raised in the wilderness. The world is made up of many living things, and each thing is dependent on the others to survive. If we allow even one species on Earth to become extinct, it has an impact on other living things and changes our world. When we mention any endangered wild animals, let’s hope that we never again have to say, “Gone forever.”

1. Which of the following is NOT an opinion?
A) It is important for us to take care of endangered animals.
B) The black rhinoceros is the most frightening animal in Africa.
C) The fastest land animal, the cheetah, also lives in Africa.
D) If we don’t protect endangered animals now, we will regret it in the future.

Ans: B

2. Read this sentence from the article. Today, because forests have been cleared to make room for people, the grizzly’s habitat is shrinking and the grizzly is disappearing.

A) What does habitat mean?
B) an animal’s natural environment
C) a bear’s thick wool coat
D) a bear’s den
E) an animal’s vision

Ans: A

3. Which of the following does NOT support the main idea of the article?
A) Ocean-dwelling animals are in danger of extinction as well.
B) Beautiful birds like the great green macaw are also becoming extinct.
C) Wherever people are careless about the land, there are endangered species.
D) The elephant seems to represent all that is strong and wild in Africa.

Ans: D

4. Read this sentence from the article. They fascinate us with their beauty, their grace, and their speed.

A) What is an antonym for the word fascinate ?
B) thrill
C) bore
D) scare
5. What will happen to some animal species if current trends continue?
A) Their numbers will increase.
B) There will be no significant change.
C) They will become extinct.
D) They will move to other habitats
Ans: C

Directions for Questions 6-10: Read the passage and answer the questions that follow on the basis of the information provided in the passage

The last half of my life has been lived in one of those painful epochs of human history during which the world is getting worse, and past victories which had seemed to be definitive have turned out to be only temporary. When I was young, Victorian optimism was taken for granted. It was thought that freedom and prosperity would speed gradually throughout the world by an orderly process, and it was hoped that cruelty, tyranny, and injustice would continually diminish. Hardly anyone was haunted by the fear of great wars. Hardly anyone thought of the nineteenth century as a brief interlude between past and future barbarism.

6. The author feels and about the later part of his life because
A) The world had not become prosperous
B) he was nostalgic about his childhood.
C) the world was painfully disturbed during that period of time.
D) the author had not won any further victories.
Ans: C

7. The victories of the past
A) filled men with a sense of pessimism
B) proved to be temporary events
C) ended, cruelty, tyranny, and injustice
D) brought permanent peace and security
Ans: B

8. The world 'definitive' as used in the passage means
A) incomplete
B) defined
C) temporary
D) final
Ans: D

9. During the Victorian age people believed that
A) there would be unlimited freedom
B) strife would increase
C) peace would prevail and happiness would engulf the whole world.
D) wars would be fought on a bigger scale
Ans: C

10. A brief interlude between past and future barbarism' can be interpreted as
A) a dramatic performance during wars
B) an interval between cruel wars

C) a short space of time between two great events
D) a short period of time between past and future acts of savagery.
Ans: D

Directions 11-18: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

11. The petition before the Court prayed for .....................the appointment orders issued by the management
   A) removing
   B) granting
   C) posting
   D) quashing
   E) dismissing
   Ans: D

12. I have a profound respect for his political..................
   A) personality
   B) ambition
   C) temperament
   D) sagacity
   E) involvement
   Ans: D

13. The truck was.............. the traffic and the policemen asked the driver to move off.
   A) failing
   B) obstructing
   C) obviating
   D) hiding
   E) disturbing
   Ans: B

14. The paternalistic attitude is so ingrained in the managements that they have to.....................try to change it
   A) casually
   B) slowly
   C) subtly
   D) inadvertently
   E) conscientiously
   Ans: C

15. For a few seconds, Madan was..............blinded by the powerful lights of the oncoming car
   A) heavily
   B) largely
   C) greatly
   D) powerfully
   E) totally
   Ans: E

16. sachin was to reach that afternoon but was ...... up at Delhi for some personal work.
   A) delayed
   B) kept
C) held  
D) stayed  
E) detained  
Ans: A

17. He ..... his shoes till they shone.  
A) brushed  
B) scrubbed  
C) wiped  
D) polished  
E. shined.  
Ans: C

18. Let us take him upon his word. I see no room for any ....... in the matter  
A) deviation  
B) duplicity  
C) difference  
D) cynicism  
Ans: B

Direction Questions 19 - 26: In each question below is given a passage followed by several inference. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.
mark your answer as : 
A. if the inference is ' definitely true' i.e. , it directly follows from the facts given in the passage  
B. if the inference is ' probably true' though not definitely true in the light of the facts given  
C. if you think the data are inadequate i.e., from the facts given you cannot say whether the inference is likely to be true or false  
D. if you think the inference is ' probably false' though not definitely false in the light of the facts given; and  
E. if you think inference is ' definitely false' i.e., it contradicts the given facts.

Passage I

More than a decade of erosion in budgetary support from the Union Government, has seriously affected Indian Railway's capacity to finance its plan expenditures. The situation has come to a pass where the railways must now think of innovative ways to get longer mileage from its investments. Significantly the resource crunch has had grievous impact on the railways. As a result, it will not be in a position to acquire necessary equipments and this will seriously affect the railway's capacity to serve the needs of the economy in future.

19. Railways had so far believed in traditional ways in generating income.  
Ans: A

20. government has shifted its priority from railways to other areas.  
Ans: B

21. The union government has reduced drastically the budgetary support to railways during the last decade.  
Ans: A

22. The fiscal position of railways in the earlier plan period was better than the current plan period  
Ans: A

23. During the current plan period, the railways will not be able to expand its network
Passage II

The smaller pesticide formulation units in India operate under heavy constraints such as obsolete technology, small scale of operation and dependence on large units for raw materials. In view of the loss of expensive material by the smaller units it is important to either eliminate or reduce losses to the extent possible through innovative and sustainable waste minimization techniques. Operating profit margins of the units are very low and small adverse conditions land these companies in trouble. Maximum losses suffered by these units are through poor housekeeping, sub-optimal operating practices, and lack of proper opportunities for recycling waste.

24. Smaller units should be operationally self-sufficient so as to minimize loss.
Ans: C

25. Waste management process in India need modernization
Ans: A

26. Lack of funds compels smaller units to ignore housekeeping.
Ans: B

Directions 27-32: In each of the following questions, find out which part of the sentence has an error. If there is no mistake the answer is 'no error'.

27. Our is the only / country in the world / than can boast of / unity in diversity / no error
Ans: B

28. May I know / Who you want / to see please / No error
Ans: B

29. due to me being a newcomer / I was unable to get a house / suitable for my wife and me / No error
Ans: A

30. This is the boy / Whom I think had won / the gold medal in the dance competition / No error
Ans: B

31. The number of vehicles / plying on this road / is more than on the main road / No error
Ans: C

32. There has not been any rainfall / in this part of the country / since the last two years / No error
Ans: D

Directions 33-40: In each question, a part of the sentence is printed in italics. Below each sentence, some phrases are given which can substitute the italicized part of the sentence. If the sentence is correct as it is, the answer is 'No correction required'.

33. No sooner I saw the tiger than I ran away
A. No sooner I had seen
B. No sooner did I see
C. as soon as I saw
D. No Correction required
Ans: B

34. Let he and I work together
A. him and I
B. him and me
C. he and me
D. No Correction required
Ans : C

35. The child is father of the man
A. A child, man
B. Child , a man
C. Child, Man
D. No Correction required
Ans : D

36. I am used to hard work
A. hard working
B. work hard
C. work hardly
D. No Correction required
Ans : D

37. The doctor examined my pulse
A. observed
B. saw
C. felt
D. No Correction required
Ans : C

38. I wish I have all those luxuries
A. I will have
B. I am having
C. I had
D. No Correction required
Ans: C

39. She did not like the movie , nor I did
A. nor did I
B. nor I like it
C. nor I liked it
D. No Correction required
Ans: A

40. The enthusiastic voters were queuing up outside the polling station since morning.
A. queued up
B. had queued up
C. had been queuing up
D. No Correction required
Ans: B
There is a merry-go-round race going on. One person says, "1/3 of those in front of me and 3/4 of those behind me, give the total number of children in the race". Then the number of children took part in the race? (repeated from previous papers)

Ans: 13

[ Assume there are x participants in the race. In a round race, no: of participants in front of a person will be x - 1 an that behind him will be x - 1. i.e, 1/3(x - 1) + 3/4(x - 1) = x; solving x = 13 ]

2. In an Island the natives lie and visitors speak truth. A man wants to know whether a salesman beside him in a bar is a native or visitor. He asked him to ask a woman beside him whether she is a native or visitor. He replied "she says she is a visitor". Then he knew that the salesman is a native or visitor. salesman is in which category, native or visitor?

Ans: Native

[ Draw table and see ]

3. A man fixed an appointment to meet the manager, Manager asked him to come two days after the day before the day after tomorrow. Today is Friday. When will the manager expect him? (repeated from previous papers)

Ans: Monday

[Don't confuse it with Tuesday. the correct answer is Monday]

5. A man said he spent 1/6 of his as a child, 1/12 as salesman in a liquor shop, 1/7 and 5 years as a politician and a good husband respectively. At that time Jim was born. Jim was elected as Alderman four years back. when he was half of his age. What is his age? (repeated from previous papers)

Ans: 84 years

[Assume that he lived x years. x/6 + x/12 + x/7 + 5 + 4 + x/2 = x. Solving x = 84, Same as Question in Shakundala Devi book]

6. Jack, Doug, and Ann, 3 children had a running race while returning from school. Mom asked who won the race. Then Jack replied "I won't tell u. I will give u a clue, When Ann takes 28 steps Doug takes 24 steps, meantime I take 21 steps. Jack explained that his 6 steps equals Doug's 7 steps and Ann's 8 steps. Who won the race? (repeated from previous papers)

Ans: Doug

[ Ann steps = 8, 16, 24, 28 --- finished by 3 & half full steps

Doug steps = 7, 14, 21, 24 --- finished before 3 & half full steps

Jack steps = 6, 12, 18, 21 --- finished by 3 & half full steps

So Doug won the race ]
7. Every day a cyclist meets a car at the station. The road is straight and both are travelling in the same direction. The cyclist travels with a speed of 12 mph. One day the cyclist comes late by 20 min. and meets the car 5 miles before the station. What is the speed of the car?

Ans: 60 mph

[Very similar to Shakuntala Devi puzzles to puzzle you problem no: 38 ]

9. A lady goes for shopping. She bought some shoestrings. 4 times the number of shoestrings, she bought pins and 8 times, handkerchiefs. She paid each item with their count as each piece's cost. She totally spent Rs. 3.24. How many handkerchiefs did she buy? (repeated from previous papers)

10. Complete the series:
   a) 3, 6, 13, 26, 33, 66, ____ (repeated from previous papers)
   b) 364, 361, 19, 16, 4, 1, ____

Ans: a) 63

b) 1

11. Lucia is a wonderful grandmother. Her age is between 50 and 70. Each of her sons have as many sons as they have brothers. Their combined number gives Lucia's age. What is the age?

Ans: 64

12. There are two towers A and B. Their heights are 200 ft and 150 ft respectively and the foot of the towers are 250 ft apart. Two birds on top of each tower fly down with the same speed and meet at the same instant on the ground to pick a grain. What is the distance between the foot of tower A and the grain?

Ans: 90 ft

13. Grass in lawn grows equally thick and in a uniform rate. It takes 40 days for 40 cows and 60 days for 30 cows to eat the whole of the grass. How many days does it take for 20 cows to do the same?

Ans: 120

13. Four tourists A, B, C, D and four languages English, German, French and Italian. They are not able to converse among themselves in one language. Though A does not know English he can act as an interpreter between B and C. No one spoke both French and German. A knows German and was able to converse with D who doesn't know a word in German. Only one language was spoken by more than two persons. Each spoke two languages. Find who spoke what.

Ans: A- German, Italian

B- French, Italian
14. There is a five digit number. It has two prime digits (1 is not a prime number). Third digit is the highest. Second digit is the lowest. First digit is one less than the third digit. The fifth digit is half of the fourth. The sum of 4th and 5th is less than the first. Find the number.

Ans: 71842

15. Four persons A, B, C and D are playing cards. Each person has one card, laid down on the table below him, which has two different colours on either side. No card has the same color on both sides. The colours visible on the table are Red, Green, Red and Blue respectively. They see the color on the reverse side and give the following comment.

A: Yellow or Green
B: Neither Blue nor Green
C: Blue or Yellow
D: Blue or Yellow

Given that out of the 4 people 2 always lie find out the colours on the cards each person.

Ans: A- Yellow
B- Yellow
C- Green
D- Red

16. A 1 k.m. long wire is held by n poles. If one pole is removed, the length of the gap becomes 12/3m. What is the number of poles initially?

Ans: 6 km

17. Find the digits X,Y,Z

X X X X
Y Y Y Y +
Z Z Z Z

-----------------

Y X X X Z

-----------------
18. A man starts walking at 3 pm. He walks at a speed of 4 km/hr on level ground and at a speed of 3 km/hr on uphill, 6 km/hr downhill and then 4 km/hr on level ground to reach home at 9 pm. What is the distance covered on one way?

Ans: 12 km

19. A grandma has many sons; each son has as many sons as his brothers. What is her age if it's the product of the no: of her sons and grandsons plus no: of her sons?(age b/w 70 and 100).

Ans: 81

20. An electric wire runs for 1 km b/w some no: of poles. If one pole is removed the distance b/w each pole increases by 1 2/6 (mixed fraction). How many poles were there initially?

Ans: 8

21. There is a church tower 150 feet tall and another catholic tower at a distance of 350 feet from it which is 200 feet tall. There is one each bird sitting on top of both the towers. They fly at a constant speed and time to reach a grain in b/w the towers at the same time. At what distance from the church is the grain?

Ans: 90

22. A person wants to meet a lawyer and as that lawyer is busy he asks him to come three days after the before day of the day after tomorrow? on which day the lawyer asks the person to come?

23. A person is 80 years old in 490 and only 70 years old in 500 in which year is he born?

Ans: 470

24. A person says that their speed while going to a city was 10mph however while returning as there is no much traffic they came with a speed of 15mph. What is their average speed?

Ans: 12mph

25. There is a peculiar island where a man always tells truth and a women never says two consecutive truth or false statements that is if she says truth statement then she says false statement next and vice versa. A boy and girl also goes in the same way. one day i asked a child " what r u a boy or a girl" however the child replied in their language that i dint understand but the parents knew my language and one parent replied that " kibi is a boy" the other one said that "no kibi is a girl, kibi lied".

a: is kibi a boy or a girl
b: who answered first mother or father?

Ans: kibi is a girl and mother answered first.
26. The boy goes to school reaches railway station at his 1/3 of his journey & mill at 1/4 of his journey the time taken him to walk between railway station & mill is 5 mins. Also he reaches railway station at 7.35am when he started from house & when he reaches school?

Ans: 7:15 to 8:15

27. if a person is sitting in a exam having 30 questions (objective type) the examiner use the formula to calculate the score is S=30+4c-w here c is number of correct answer and w is number of wrong answer, the examiner find the score is more than 80, tell how may questions are correct? if the score is little less but still more than 80 then you won't be able to answer.

Ans: 16

28. if a person having 1000 rs and he want to distribute this to his five children in the manner that each son having 20 rs more than the younger one, what will be the share of youngest child

ans: 160

29. raju having some coins want to distribute to his 5 son, 5 daughter and driver in a manner that, he gave first coin to driver and 1/5 of remaining to first son he again gave one to driver and 1/5 to 2nd son and so on.... at last he equally distributed all the coins to 5 daughters. how many coins raju initially have???

Ans: 881

30. if ravi binded his book and the binder cut the pages of the book, ravi decided to mark the pages by himself own, what he found that number of three appears 61 times find of number of pages answer

ans - 300

31. a painter went in a exhibition to purchases some pictures where T, U, V, W, X, Y, Z pictures were remaining, he want to buy only five in the condition on that if T is there then X should not be there, if U is there than Y should be there if V is there then X should be there

which is the combination the painter can have
(a) T, U, V, W, Y
(b) T, Z, U, W, X
(c) T, X, U, V, W
(d) T, U, Y, W, Z

ans (d)

32. There are 100 men in town. Out of which 85% were married, 70% have a phone, 75% own a car, 80% own a house. What is the maximum number of people who are married, own a phone, own a car and own a house? (3 marks)

Sol: 15%
33. There are 10 Red, 10 Blue, 10 Green, 10 Yellow, 10 White balls in a bag. If you are blindfolded and asked to pick up the balls from the bag, what is the minimum number of balls required to get a pair of atleast one colour? (2 Marks)

Sol : 6 balls.

34. Triplet who usually wear same kind and size of shoes, namely, Annie, Danny, Fanny. Once one of them broke a glass in kitchen and their shoe prints were there on floor of kitchen. When their mother asked who broke Annie said, ?I didn?t do it?; Fanny said ?Danny did it?; Danny said ?Fanny is lieing?; here two of them are lieing, one is speaking truth. Can you find out who broke it? (3 Marks)

Sol : Annie

35. 4 players were playing a card game. Cards had different colours on both sides. Neither of cards had same colour on both sides. Colours were 2 Red, 2 Blue, 2 Green, 2 Yellow. Cards were lying in front of each player. Now, each player knew the colour on other side of his card. They are required to tell their colour.

Statement given by each of them was:

Annie : Blue or Green
Bobby : Neither Blue nor Green
Cindy : Blue or Yellow
Danny : Blue or Yellow

colours of cards that are visible to all were Red, Blue, Green, Blue in order of their names.
Exactly two of them are telling truth and exactly two of them are lieing. Can you tell the colour on other face of card for each player? (6 Marks)

Sol : Annie : Yellow (Lieing)
Bobby : Yellow (Telling truth)
Cindy : Blue (Telling truth)
Danny : Green (Lieing)

36. In a game i won 12 games, each game if i loose i will give u one chocolate, You have 8 chocolates how many games played.

Ans: 32

38. 75 persons Major in physics, 83 major in chemistry, 10 not at major in these subjects u want to find number of students majoring in both subjects

Ans 68.

39. if A wins in a race against B by 10 mts in a 100 Meter race. If B is behind of A by 10 mts. Then they start running race, who will won?

Ans A

40. A+B+C+D=D+E+F+G=G+H+I=17 given A=4.Find value of G and H?

Ans: G = 5 E=1
41. One guy has Rs. 100/- in hand. He has to buy 100 balls. One football costs Rs. 15/-, One Cricket ball costs Re. 1/- and one table tennis ball costs Rs. 0.25 He spend the whole Rs. 100/- to buy the balls. How many of each balls he bought?

Ans:F=3,T=56,C=41

42. The distance between Station Atena and Station Barcena is 90 miles. A train starts from Atena towards Barcena. A bird starts at the same time from Barcena straight towards the moving train. On reaching the train, it instantaneously turns back and returns to Barcena. The bird makes these journeys from Barcena to the train and back to Barcena continuously till the train reaches Barcena. The bird finally returns to Barcena and rests. Calculate the total distance in miles the bird travels in the following two cases:
(a) The bird flies at 90 miles per hour and the speed of the train is 60 miles per hour.
(b) the bird flies at 60 miles per hour and the speed of the train is 90 miles per hour

Ans: time of train=1hr.so dist of bird=60*1=60miles

43. A tennis championship is played on a knock-out basis, i.e., a player is out of the tournament when he loses a match.
(a) How many players participate in the tournament if 15 matches are totally played?
(b) How many matches are played in the tournament if 50 players totally participate?

Ans: (a)16
(b)49

44. When I add 4 times my age 4 years from now to 5 times my age 5 years from now, I get 10 times my current age. How old will I be 3 years from now?

Ans:Age=41 years.

45. A rich merchant had collected many gold coins. He did not want anybody to know about them. One day, his wife asked, "How many gold coins do we have?" After pausing a moment, he replied, "Well! If I divide the coins into two unequal numbers, then 37 times the difference between the two numbers equals the difference between the squares of the two numbers." The wife looked puzzled. Can you help the merchant's wife by finding out how many gold R

Ans:37

46. A set of football matches is to be organized in a "round-robin" fashion, i.e., every participating team plays a match against every other team once and only once. If 21 matches are totally played, how many teams participated?

Ans:7

47. Glenn and Jason each have a collection of cricket balls. Glenn said that if Jason would give him 2 of his balls they would have an equal number; but, if Glenn would give Jason 2 of his balls, Jason would have 2 times as many balls as Glenn. How many balls does Jason have?
Ans: 14

48. Suppose 8 monkeys take 8 minutes to eat 8 bananas.
   a) How many minutes would it take 3 monkeys to eat 3 bananas?
   b) How many monkeys would it take to eat 48 bananas in 48 minutes

Ans: a) 48
     b) 6

49. It was vacation time, and so I decided to visit my cousin's home. What a grand time we had!
    In the mornings, we both would go for a jog. The evenings were spent on the tennis court.
    Tiring as these activities were, we could manage only one per day, i.e., either we went for a
    jog or played tennis each day. There were days when we felt lazy and stayed home all day long.
    Now, there were 12 mornings when we did nothing, 18 evenings when we stayed at
    home, and a total of 14 days when we jogged or played tennis. For how many days did I
    stay at my cousin's place?

Ans: 22 days

50. A 31" x 31" square metal plate needs to be fixed by a carpenter on to a wooden board.
    The carpenter uses nails all along the edges of the square such that there are 32 nails on
    each side of the square. Each nail is at the same distance from the neighboring nails. How
    many nails does the carpenter use?

1. There are 6561 balls out of them 1 is heavy. Find the min. no. of times the balls have to
   be weighed for finding out the heavy ball.
   Ans. 8

2. If I walk with 30 miles/hr I reach 1 hour before and if I walk with 20 miles/hr I reach 1
   hour late. Find the distance between 2 points and the exact time of reaching destination is
   11 am then find the speed with which it walks.
   Ans. 120 miles and 24 miles/hr

3. When you reverse the digits of age of father you will get the age of son. One year ago the
   age of father was twice that of son's age. What are the current ages of father and son?
   Ans: 73 & 37

4. In a class there are less than 500 students. When it is divided by 3 it gives a whole
   number. Similarly when it is divided by 4, 5 or 7 gives a whole number. Find the no. of
   students in the class
   Ans: 420

5. A coffee seller has two types of coffee Brand A costing 5 bits per pound and Brand B
    costing 3 bits per pound. He mixes two brands to get a 40 pound mixture. He sold this at 6
    bits per pound. The seller gets a profit of 33 1/2 percent. How much he has used Brand A in
    the mixture?
    Ans: 30 pounds

6) Which figure completes the series? Ans: A
7) Which figure completes the series? Ans: C
8) Which figure completes the series? Ans: C
9) Which figure completes the series? Ans: D
10) Which figure completes the series? Ans: B

Directions 11-15: In each question below are given three Statements followed by three
Conclusions numbered I, II and III. You have to take the given Statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given Conclusions logically follows from the given Statements disregarding commonly known facts.

11. Statements:
Some cycles are buses. All cars are buses. Some buses are trains.

Conclusions:
I. All cares are cycles.
II. Some trains are buses.
III. Some trains are cars.

(1) None follows  (2) Only I and II follow  (3) Only land III follow  (4) Only II and III follow  (5) None of these
Ans: 4

12. Statements: All pencils are sticks. Some sticks are notes. All diaries are notes.

Conclusions:
I. Some notes are diaries.
II. Some sticks are pencils.
III. Some diaries are sticks.

(1) All follow  (2) Only I follow  (3) Only I and II follow  (4) Only II follows  (5) None of these
Ans: 5

13. Statements: Some buds are leaves. No leaf is fruit. Some fruits are buds.

Conclusions:
I. Some fruits are leaves.
II. All buds are fruits.
III. Some leaves are buds.

(1) Only I or II follows  (2) Only III follows  (3) Only II follows  (4) None follows  (5) None of these
Ans: 2

14. Statements: Some birds are animals. All animals are rivers. Some rivers are lions.

Conclusions:
I. Some lions are animals
II. Some rivers are birds
III. No animal is lion

(1) Only II follows  (2) Only either I or III follows  (3) I and II follows  (4) Only either II or III follow  (5) None of these
Ans: 3
15. Statements: All boxes are pans. Some boxes are jugs. Some jugs are glasses.
Conclusions:
I. Some glasses are boxes
II. No glass is box
III. Some jugs are pans
IV. No jug is pan
Only I and II follows (2) Either I or II and III follows (3) Only III follows (4) Either I or II, and either III or IV follow (5) None of these
Ans: B

Directions 16-20 Use the following answer choices for the questions below.
A. Statement 1 alone is sufficient but statement 2 alone is not sufficient to answer the question asked.
B. Statement 2 alone is sufficient but statement 1 alone is not sufficient to answer the question asked.
C. Both statements 1 and 2 together are sufficient to answer the question but neither statement is sufficient alone.
D. Each statement alone is sufficient to answer the question.
E. Statements 1 and 2 are not sufficient to answer the question asked and additional data is needed to answer the statements.

16) If the average size of 3 accounts is $1 million, is the smallest account less than $500,000?
1. The largest account is $1.3 million.
2. One of the accounts is $0.7 million.
Ans: C

17) Is the product of x and y greater than 60?
1. The sum of x and y is greater than 60.
2. Each of the variables is greater than 2.
Ans: C

18) What is the value of y?
1. y - 3 = 2
2. y2 = 25
Ans: A

19) What was the percent increase of Company A's stock between June 1 and June 30, 2000?
1. The stock gained $5 in value during June 2000.
2. The stock rose 12% during the first half of the month.
Ans: E

20) Which company reported the larger dollar increase in earnings?
1. Company A reported that its earnings increased by 5%.
2. Company B reported that its earnings increased by 7%.
Ans: E

21. Ramesh starting from a fixed point goes 15 km towards North and then after turning to
his right he goes 15 km. then he goes 10, 15 and 15 metres after turning to his left each time. How far is he from his starting point?
(A) 5 metres
(B) 10 metres
(C) 20 metres
(D) 15 metres
(E) Can not be determined
Ans: (B)

22. Sonalika goes 12 km towards North from a fixed point and then she goes 8 km towards South from there. In the end she goes 3 km towards east. How far and in what direction is she from her starting point?
(A) 7 km East
(B) 5 km West
(C) 7 km West
(D) 5 km North-East
(E) None of these
Ans: (D)

23. Sunita goes 30 km towards North from a fixed point, then after turning to her right she goes 15 km. After this she goes 30 km after turning to her right. How far and in what direction is she from her starting point?
(A) 45 km, East
(B) 15 km, East
(C) 45 km, West
(D) 45 Km, North
(E) None of these
Ans: (B)

24. Kanchan goes 5 m towards east from a fixed point N and then 35 km after turning to her left. Again she goes 10 metres after turning to her right. After this she goes 35 m after turning to her right. How far is she from N?
(A) 40 m
(B) At N
(C) 10 m
(D) 15 m
(E) None of these
Ans: (D)

25. Shri Prakash walked 40 metres facing towards North. From there he walked 50 metres after turning to his left. After this he walked 40 metres after turning to his left. How far and in what direction is he now from his starting point?
(A) 40 m, North
(B) 50 m, West
(C) 10 m, East
(D) 10 m, West
(E) None of these
Ans: (B)
Directions (Question 26 to 30): Read the following information carefully and answer the questions given it. There are six persons A, B, C, D, E, and F in a school. Each of the teachers teaches two subjects, one compulsory subject and the other optional subject. D's optional subject was History while there others have it as compulsory subject. E and F have Physics as one of their subjects. F's compulsory subject is Mathematics which is an optional subject of both C and E. History and English are A's subjects but in terms of compulsory and optional subjects, they are just reverse of those of D's. Chemistry is an optional subject of only one of them. The only female teacher in the school has English as her compulsory subject.

26. What is C's compulsory subject?
A) History B) Physics C) Chemistry D) English E) Mathematics Ans: A

27. Who is a female member in the group? 
A) A B) B C) C D) D E) E Ans: D

28. Which of the following has some compulsory and optional subjects as those of F's?
A) D B) B C) A D) C E) None of these Ans: E

29. Disregarding which is the compulsory and which is the optional subject, who has the same two subject combination as F?
A) A B) B C) E D) D E) None of these Ans: C

30. Which of the following groups has History as the compulsory subject?

Directions for Questions 1-5: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

It all started at the beginning of fifth grade. At first, Carmen wasn't really sure what was happening. In class, she had to squint to see the blackboard clearly. She had to do the same thing when she read street signs, or when she watched a movie. As the fuzziness got worse, she became more and more worried. It was important for her to see the notes and homework assignments the teacher put on the board.

It wasn't long before Carmen found herself squinting all the time, but she didn't want anyone to know that she was having a problem seeing. In class, she had to squint to see the blackboard clearly. She had to do the same thing when she read street signs, or when she watched a movie. As the fuzziness got worse, she became more and more worried. It was important for her to see the notes and homework assignments the teacher put on the board.

At home, she had to sit closer and closer to the television in order to see the picture. Her mother noticed her squinting as she watched her favorite shows, and she began to get suspicious.

"Tomorrow I'm calling the eye doctor to set up an appointment for you," she said firmly. Carmen protested, but her mother's mind was made up.

Three days later, Carmen had new glasses and instructions from her doctor to wear them all the time. Carmen frowned in the car the whole way home. "All of the kids at school will think I'm a nerd," she said. Her mother smiled and shook her head. "You look just as beautiful with those glasses on as you do without them," she said. But Carmen didn't believe her. The next day, Carmen kept the glasses in her pocket as she walked into the schoolyard. She avoided her friends and stood alone, feeling miserable. Suddenly, she
heard her friend Theresa shout. Carmen ran over to the other girls. "What’s wrong?" she asked. "My silver ring is gone!" Theresa cried. "My sister sent it to me from California. It’s very special and I can’t lose it!"

Carmen could tell that Theresa was very upset. They all looked for the ring in the grassy area of the playground.

Carmen realized that she could search better if she could see better. She took the glasses out of her pocket and put them on. The objects and people around her came into sharp focus. She caught her breath. Everything looked so different! So clear! She looked down at the ground and a glimmer of silver caught her eye. It was the ring. "Here it is," she shouted. "I’ve found it!" She handed it to Theresa, and Theresa slipped the ring back on her finger.

"Thanks Carmen," she said. "I never thought we’d find it." She paused. "Hey, I didn’t know you wore glasses. They look great!" Carmen had forgotten that she was wearing the new glasses. "Thanks," she replied shyly. As they walked back toward the school building, two more girls from her class complimented her glasses. Carmen smiled. "Maybe wearing glasses won’t be so bad after all," she thought.

1. BEFORE Carmen got glasses she
   A. Thought having glasses wouldn’t be so bad.
   B. Wasn’t able to see the blackboard clearly.
   C. Found Theresa’s missing ring.
   D. sat far away from the television Ans: B

2. Based on the end of the story, what do you think Carmen will do next?
   A. She won’t tell her friends that she needs to wear glasses.
   B. She will keep her glasses in her pocket where no one can see them.
   C. She will wear her glasses all the time.
   D. She will wear her glasses only when she is with her family. Ans: C

3. Read this sentence from the story ‘Her mother noticed her squinting as she watched her favorite shows, and she began to get suspicious’. What is an antonym for the word suspicious?
   A. doubtful
   B. guilty
   C. innocent
   D. trusting Ans: D

4. Which statement BEST describes Carmen?
   A. She is willing to overcome her fears in order to help her friends.
   B. She doesn’t care how well she does in school.
   C. She cares more about herself than her friends.
   D. She doesn’t worry about what other people think of her. Ans: A

5. Read this sentence from the story. ‘In class, she had to squint to see the blackboard clearly’. What does squint mean?
   A. to look with eyes partly closed
   B. to move closer
   C. to try hard
   D. to concentrate Ans: D
Directions for Questions 6-10: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Primitive man was probably more concerned with fire as a source of warmth and as a means of cooking food than as a source of light. Before he discovered less laborious ways of making fire, he had to preserve it, and whenever he went on a journey he carried a firebrand with him. His discovery that the firebrand, from which the torch may very well have developed, could be used for illumination was probably incidental to the primary purpose of preserving a flame.

Lamps, too, probably developed by accident. Early man may have had his first conception of a lamp while watching a twig or fibre burning in the molten fat dropped from a roasting carcass. All he had to do was to fashion a vessel to contain fat and float a lighted reed in it. Such lamps, which are made of hollowed stones or sea shells, have persisted in identical form up to quite recent times.

6. Primitive man's most important use for fire was
   A) To provide warmth
   B) To cook food
   C) To provide light
   D) Both A and B. Ans: A

7. The firebrand was used to
   A) Prevent accidents
   B) Provide light
   C) Scare animals
   D) Save labour. Ans: B

8. By 'primary' the author means
   A) Primitive
   B) Fundamental
   C) Elemental
   D) Essential. Ans: D

9. Lamps probably developed through mere
   A) Hazard
   B) Fate
   C) Chance
   D) Planning. Ans: C

10. Early lamps were made by
    A) Using a reed as a wick in the fat
    B) Letting a reed soak the fat
    C) Putting the fat in a shell and lighting it
    D) Floating a reed in the sea-shell. Ans: A

Infosys Written Test Pattern and Previously asked questions

Infosys Test consists two sections

Written Test

Non-Technical Interview (interviewer is a HR)

No of Questions : 70

Time limit : 75 Minutes
Written Test

Aptitude Test (30 Questions and 40 min).

Verbal Ability (40 Questions and 35 min)

1. There is an escalator and 2 persons move down it. A takes 50 steps and B takes 75 steps while the escalator is moving down. Given that the time taken by A to take 1 step is equal to time taken by B to take 3 steps. Find the no. of steps in the escalator while it is stationary.

Solution (not sure):
If A takes 1 step in one second, then B takes 3 steps in one second. If A takes \( t_1 \) seconds to take 50 steps, then B takes 150 steps in \( t_1 \) seconds.
For B, to take 150 steps he requires \( t_1 \) seconds, then to take 75 steps he requires \( t_1/2 \) seconds.
So now, \( s_1 = 50, \ t_1 = t_1 \) & \( s_2 = 75, \ t_2 = t_1/2 \)
ans = \( (s_1 t_2 - s_2 t_1) / (t_1 - t_2) \) which gives 100.
so 100 steps is the answer

2. If 5/2 artists make 5/2 paintings using 5/2 canvases in 5/2 days then how many artists r required to make 25 paintings using 25 canvases in 25 days?

3. If the digits of my present age are reversed then I get the age of my son. If 1 year ago my age was twice as that of my son. Find my present age.
ans. father-73, son-37

4. There are 6561 balls out of them 1 is heavy. Find the min. no. of times the balls have to be weighed for finding out the heavy ball.
ans. 8

5. If I walk with 30 miles/hr I reach 1 hour before and if I walk with 20 miles/hr I reach 1 hour late. Find the distance between 2 points and the exact time of reaching destination is 11 am then find the speed with which it walks.
ans. 120 miles and 24 miles/hr

6. There r four face cards (J,Q,K,A) all of different types (diamond, club, spade, heart) and some conditions r given. Find the order of cards
ans. king -> jack -> queen -> ace
heart diamond spade club

7. If A,B,C,D,E r 5 members of a family. 4 of them give true statements:
   1. E is my mother in law
   2. C is my son in law's brother
   3. B is my father's brother
   4. A is my brother's wife

Who made the stmt. and what r the realtions among them
ans. E
   | A<--B--C
   |
   D
<-- denotes husband-wife
-- denotes brothers

8. The product of 5 different temperatures is 12. If all of them r integers then find all the temperatures
ans. -2,-1,1,2,3

9. There r 9 cities numbered 1 to 9. From how many cities the flight can start so as to reach the city 8
   either directly or indirectly such the path formed is divisible by 3.
eg. 1368-Flights goes through 1-3-6-8.

10. If i do this puzzle i find it to be hard than the last puzzle that i did before that after
    that................very complex stmt.
    Is that puzzle difficult,easy,can't say or depends on the no. of puzzles

11. Replace each letter by a digit. Each letter must be represented by the same digit and no beginning
    letter of a word can be 0.
    O N E
    O N E
    O N E
    O N E
    -------
    T E N
    -------
    Ans: 0 =1, N = 8 , E = 2, T = 7.

12. Ann, Boobie, Cathy and Dave are at their monthly business meeting. Their occupations are author,
    biologist, chemist and doctor, but not necessarily in that order. Dave just told the biologist that Cathy
was on her way with doughnuts. Ann is sitting across from the doctor and next to the chemist. The doctor was thinking that Boobie was a goofy name for parent’s to choose, but didn’t say anything. What is each person’s occupation?
Ans: Since Dave spoke to the biologist and Ann sat next to the chemist and across the doctor, Cathy must be the author and Ann the biologist. The doctor didn't speak, but David did, so Bobbie is the doctor and Dave the chemist.

13. Sometime after 10:00 PM a murder took place. A witness claimed that the clock must have stopped at the time of the shooting. It was later found that the position of both the hands were the same but their positions had interchanged. Tell the time of the shooting (both actual and claimed).
Ans: Time of shooting = 11:54 PM Claimed Time = 10:59 PM.

14. Next number in the series is 1, 2, 4, 13, 31, 112, ?
Ans: 224.
No number has digits more than 4. All of them are 1, 2, 4, 8, 16, 32, 64 converted to numbers in base 5.

15. Shahrukh speaks truth only in the morning and lies in the afternoon, whereas Salman speaks truth only in the afternoon. A says that B is Shahrukh. Is it morning or afternoon and who is A - Shahrukh or Salman?
Ans: Afternoon. A is Salman.

16. Two trains starting at same time, one from Bangalore to Mysore and other in opposite direction arrive at their destination 1 hr and 4 hours respectively after passing each other. How much faster is one train from other?
Ans: Twice.

17. There are 6 volumes of books on a rack kept in order (ie vol.1, vol. 2 and so on ). Give the position after the following changes were noticed. All books have been changed Vol.5 was directly to the right of Vol.2 Vol.4 has Vol.6 to its left and both weren't at Vol.3’s place. Vol.1 has Vol.3 on right and Vol.5 on left. An even numbered volume is at Vol.5’s place. Find the order in which the books are kept now.
Ans: 2, 5, 1, 3, 6, 4.

18. I bought a car with a peculiar 5 digit numbered licence plate which on reversing could still be read. On reversing value is increased by 78633. What's the original number if all digits were different?
Ans: Only 0 1 6 8 and 9 can be read upside down. So on rearranging these digits, we get the answer as 10968.
19. The shape in the sketch below is that of a square attached to half of a similar square. Divide it into four equal pieces.
Ans: Hint : The figure can be divided into 12 equal triangles.

20) There are two balls touching each other circumferencially. The radius of the big ball is 4 times the diameter of the small all. The outer small ball rotates in anticlockwise direction circumferencially over the bigger one at the rate of 16 rev/sec. The bigger wheel also rotates anticlockwise at N rev/sec.
What is 'N' for the horizontal line from the centre of small wheel always is horizontal.

21)
1 2 3 4
+ 3 4 5 5
--------
4 6 8 9
- 2 3 4 5
--------
2 3 4 4
+ 1 2 5 4
--------
3 6 9 8
--------
Q) Strike off any digit from each number in seven rows (need not be at same place) and combine the same operations with 3 digit numbers to get the same addition. After this strike off another digit from all and add all the No.s to get the same 2 digit No. perform the same process again with 1 digit No.s. Give the ' no.s in 7 rows at each stage.

22) There is a safe with a 5 digit No. The 4th digit is 4 greater than second digit, while 3rd digit is 3 less than 2nd digit. The 1st digit is thrice the last digit. There are 3 pairs whose sum is 11. Find the number.
Ans: 65292.

23) there are 2 guards Bal and Pal walking on the side of a wall of a wearhouse(12m X 11m) in opposite directions. They meet at a point and Bal says to Pal "See you again in the other side". After a few moments of walking Bal decides to go back for a smoke but he changes his direction again to his previous one after 10 minutes of walking in the other(opposite) direction remembering that Pal will be waiting for to meet. If Bal and Pal walk 8 and 11 feet respectively, how much distance they would have travelled before meeting again.

24. 13 kigs and 6 libs can produce 510 tors in 10 hrs, 8 kigs and 14 libs can produce 484 tors in 12 hrs.
Find the rate of production of tors for kigs and libs. Express the answer in tors/hr.
25) Find the 5 digit No.
Hint: 5 is used atleast once in the calculation.

26) A fly is there 1 feet below the ceiling right across a wall length is 30m at equal distance from both the ends. There is a spider 1 feet above floor right across the long wall equidistant from both the ends. If the width of the room is 12m and 12m, what distance is to be travelled by the spider to catch the fly, if it takes the shortest path.

27) Ramesh sit around a round table with some other men. He has one rupee more than his right person and this person in turn has 1 rupee more than the person to his right and so on, Ramesh decided to give 1 rupee to his right & he in turn 2 rupees to his right and 3 rupees to his right & so on. This process went on till a person has 'no money' to give to his right. At this time he has 4 times the money to his right person. How many men are there along with Ramesh and what is the money with poorest fellow.

28) Question related to probabilities of removing the red ball from a basket, given that two balls are removed from the basket and the other ball is red. The basket contains blue, red, yellow balls.

29) Venkat has 1 boy & 2 daughters. The product of these children age is 72. The sum of their ages give the door number of Venkat. Boy is elder of three. Can you tell the ages of all the three.

30) L: says all of my other 4 friends have money
   M: says that P said that exact one has money
   N: says that L said that precisely two have money
   O: says that M said that 3 of others have money.
   P: Land N said that they have money.
   All are liers.
   Who has money & who doesn’t have?

31) Post man has a data of name surname door number, pet name of 4 families. But only one is correct for each family. There are a set of statements & questions.
33) 4 couples have a party. Depending on the set of statements, find who insulted whom and who is the host of the party.

34) 5 women given some of their heights (tall, medium, short) Hair (long, plaited), stard (Black or Brown), sari, 2 medium, 2-short. Tall->no sari. Plaited->medium. Answer the combinations.

35) A person has to go both Northwards & Southwards in search of a job. He decides to go by the first train he encounters. There are trains for every 15 min both southwards and northwards. First train towards south is at 6:00 A.M. and that towards North is at 6:10. If the person arrives at any random time, what is the probability that he gets into a train towards North?

36) A person has his own coach &. Whenever he goes to railway station he takes his coach. One day he was supposed to reach the railway station at 5 O'clock. But he finished his work early and reached at 3 O'clock. Then he rung up his residence and asked to send the coach immediately. He came to know that the coach has left just now to the railway station. He thought that the coach has left just now to the railway station. He thought that he should not waste his time and started moving towards his residence at the speed of 3 miles/hr. On the way, he gets the coach and reaches home at 6 o'clock. How far is his residence from railway station.

37) Radha, Geeta & Revathi went for a picnic. After a few days they forgot the date, day and month on which they went to picnic. Radha said that it was on Thursday, May 8 and Geeta said that it was Thursday May 10. Revathi said Friday Jun 8. Now one of them told all things wrongly, others one thing wrong and the last two things wrongly. If April 1st is Tuesday, what is the right day, date and month?

38) There is a 66x33m rectangular area. Ram is 11/8 times faster than Krishna. Both of them started walking at opposite ends and they met at some point then, Ram said "See you in the other end" Then they continued walking. After some time Ram thought he will have tea so he turned back walked back 15 meters then he changed his mind again and continued walking. How much Krishna has traveled by the time they meet?

39) There are 5 burglars and once went to a bakery to rob it obviously. The first guy ate 1/2 of the total bread and 1/2 of the bread. The second guy ate 1/2 of the remaining and 1/2 of the bread. The third guy, fourth guy and fifth guy did the same. After fifth guy there is no bread left out. How many bread are there?
40. All members belonging to D are members of A.
   All members belonging to E are members of D.
   All members belonging to C are members of both A & D.
   Some members of A does not belong to D. All members belonging to D are members of E. 5 questions are there.

41. Write each statements true or false:
   1. The sum of the 1st three statements and the 2nd false statement gives the true statement.
   2. The no. of true statements false statement.
   3. The sum of 2nd true statement and 1st false statement gives the first true statement.
   4. There are at most 3 false statements.
   5. There is no two consecutive true statements.

42. There are twelve consecutive flags at an equal interval of distance. A man passes the 8th flag in 8 seconds. How many more seconds will he take to pass the remaining 4 flags?

43. A person has to cover the fixed distance through his horses. There are five horses in the cart. They ran at the full potential for the 24 hours continuously at constant speed and then two of the horses ran away to some other direction. So he reached the destination 48 hours behind the schedule. If the five horses would have run 50 miles more, then the person would have been only 24 hours late. Find the distance of the destination.

44. A boat M leaves shore A and at the same time boat B leaves shore B. They move across the river. They met at 500 yards away from A and after that they met 300 yards away from shore B without halting at shores. Find the distance between the shore A & B.

45. A person was going through train from Bombay to Pune. After every five minutes he finds a train coming from opposite direction. Velocity of trains are equal of either direction. If the person reached Pune in one hour then how many trains he saw in the journey?

46. Food grains are to be sent to city from godown. Owner wants to reach the food grains at 11 O'Clock in the city. If a truck travels at a speed of 30km/hr then he will reach the city one hour earlier. If the truck travels at a speed of 20km/h then he will reach the city one hour late. Find the distance between the godown to city. Also with which speed the truck should travel in order to reach at exactly 11 'O clock.

47. There are five persons A,B,C,D,E whose birthdays occur at the consecutive days. Birthday of A is some days or day before C & birthday of B is exactly the same days or day after E. D is two days older than E. If birth day of C is on Wednesday then find out the birthdays of other.
48. Persons say these statements.
A says either Democratic or liberal wins the elections.
B says Democratic wins.
C says neither democratic nor liberal wins the election.
Of these only one is wrong. Who wins the election?

49. Six persons A, B, C, D, E & F went to soldier cinema. There are six consecutive seats. A sits in the first seat followed by B, followed by C and so on. If A taken on of the six seats, then B should sit adjacent to A. C should sit adjacent to A or B. D should sit adjacent to A, B or C and so on. How many possibilities are there?

50. Suppose there are four grades A, B, C, D. (A is the best and D is the worst) 4 persons Jack, Jean, Poul and Lucy wrote the final exam and made the statements like this:
1. Jack: If I will get A then Lucy will get D.
2. Lucy: If I will get C then Jack will get D.
3. Jean: If Jean doesn't get A then Jack will not get A.
4. Poul: If Jack get A, then Jean will not get B, Lucy will get C, I won't either A or B.
If all the above statements are true, then which person will get which grade?

51. Each man dances with 3 women, Each women dances with 3 men. Among each pair of men they have exactly two women in common. Find the no. of men and women.

52. A survey was taken among 100 people to find their preference of watching t.v. programmes. There are 3 channels. Given no of people who watch at least channel 1, at least channel 2, at least channel 3, no channels at all, at least channels 1 and 3, at least channels 1 and 2, at least channels 2 and 3. Find the no of people who watched all three.

53. A bird keeper has got P pigeon, M mynas and S sparrows. The keeper goes for lunch leaving his assistant to watch the birds. Suppose P=10, M=5, S=8.
a.) When the bird keeper comes back, the assistant informs that x birds have escaped. The bird keeper exclaims oh no! all my sparrows are gone. How many birds flew away.
b.) when the bird keeper come back, the assistant told him that x birds have escaped. The keeper realised that atleast 2 sparrows have escaped. What is minimum no of birds that can escape.

54. Select from the five alternatives A, B, C, D, E. At the end of each question, two conditions will be given. The choices are to filled as follows.
A: If a definite conclusion can be drawn from condition 1.
B: If a definite conclusion can be drawn from condition 2.
C: If a definite conclusion can be drawn from condition 1 and 2.
D: If a definite conclusion can be drawn from condition 1 or 2.
E: No conclusion can be drawn using both conditions.

1. Person 1 says N<5
   Person 2 says n>5.
   Person 3 says 3N>20
   Person 4 says 3n>10
   Person 5 says N<8.
   What is the value of N?

55. There are N coins on a table. There are two players A&B. You can take 1 or 2 coins at a time. The person who takes the last coin is the loser. A always starts first.

1. If N=7, then
   a) A can always win by taking two coins in his first chance.
   b) B can win only if A takes two coins in his first chance.
   c) B can always win by proper play.
   d) none of the above.

2. A can win by proper play if N is equal to
   a) 13  b) 37  c) 22  d) 34  e) 48
   Ans: E.

3. B can win by proper play if N is equal to
   a) 25  b)26  c) 32  d) 41  e) none

4. if N<4, can A win by proper play always?

56. There are 4 parties A,B,C,D. There are 3 people x,y,z. X-says A or D will win. Y-says A will not win. Z-says B or D will not win. Only one of them is true. Which party won?

57. 5 persons R,S,T,U,V are contesting for a medal. Evaluation is over English, Maths, Physics, Chemistry and Hindi. Toper will get 5 marks, least will get 1 mark. No ties any where. R get 24 and won the overall medal. V gets first in Chemistry and third in Hindi, T got consistent scores in 4 subjects. Their final standings where in the alphabetical order. What was the score of S in Chemistry.

57. There are 3 types of castes, say A,B,C. A- always tells truth, B- always false, C- alternating.
   X says --> Z is of C type, I am of A type.
   Y says --> X is a B type.
   Z says --> X is of B type.
   Who is of which type?
58. Persons A and B. Person A picks a random no. from 1 to 1000. Then person B picks a random no. from 1 to 1000. What is the probability of B getting no. greater than what A has picked?

59. Three boys and three girls brought up together. Jim, Jane, Tom, Virgina, Dorthy, XXX. They marry among themselves to form three couples. Conditions are:
   i) Sum of their ages would be the same.
   ii) Virgina was the oldest.
   iii) Jim was dorthy's brother.
   iv) Sum of ages Jane+Jim and Tom+dorthy is same.
Give the three couples.

60. \( X^{(1/3)} - X^{(1/9)} = 60 \). Solve for \( X \).

61. \( X Z Y + X Y Z = Y Z X \).
Find the three digits.

62. Two boats start from opposite banks of river perpendicular to the shore. One is faster than the other. They meet at 720 yards from one of the ends. After reaching opposite ends they rest for 10mins each. After that they start back. This time on the return journey they meet at 400yards from the other end of the river. Calculate the width of the river.

63. Basketball Tournament organizers decided that two consecutive defeats will knock out the team. There are 51 teams participating. What is the maximum no. of matches that can be played.

64. The Master says to his grandmaster that me and my three cousins have ages in prime nos. only. Summation of our ages is 50. Grandmaster who knows the age of the master instantly tells the ages of the three cousins. Tell the ages of three cousins. (1 is not considered as prime no.)

65. There are two families Alens and smiths. They have two children each. There names are A,B,C,D whose ages are different and ages are less then or equal to 11. The following conditions are given:
   i) A's age is three years less then his brother's age.
   ii) B is eldest among the four.
   iii) C is half the age of the eldest in Alens family.
   iv) The difference in sum of the ages of Alens children and smiths children is same as that of five years ago.
Find the ages of all the children.
66. a, b, c, d, e are having numerical values. There are some conditions given:-
   a) \(a = c \leq b = e\)
   b) Difference between \(a\) and \(c\) as same as difference between \(c\) and \(b\) as same as difference between \(a\) and \(d\).
   c) \(cd\).
Then find \(a, b, c, d, e\).

67. There are six cards in which it has two king cards. All cards are turned down and two cards are opened.
   a) What is the possibility to get at least one king.
   b) What is the possibility to get two kings.

68. There are 5 persons \(a, b, c, d, e\) and each is wearing a black or white cap on his head. A person can see the caps of the remaining four but can't see his own cap. A person wearing white says true and who wears black says false.
   i) \(a\) says I see 3 whites and 1 black.
   ii) \(b\) says I see 4 blocks.
   iii) \(e\) says I see 4 whites.
   iv) \(c\) says I see 3 blocks and 1 white.
Now find the caps wearied by \(a, b, c, d\) and \(e\).

69. There are two women, Kavitha and Shamili and two males Shyam, Aravind who are musicians. Out of these four one is a pianist, one flutist, violinist and drummer.
   i) Across Aravind beats pianist.
   ii) Across Shyam is not a flutist.
   iii) Kavitha's left is a pianist.
   iv) Shamili's left is not a drummer.
   v) Flutist and drummer are married.

70. When Arthur is as old as his father Hailey is now, he shall be 5 times as old as his son Clarke is now. By then, Clarke will be 8 times older than Arthur is now. The combined ages of Hailey and Arthur are 100 years. How old is Clarke?

71. The seven digits in this subtraction problem are 0, 1, 2, 3, 4, 5 and 6. Each letter represents the same digit whenever it occurs.

\[
\begin{array}{ccc}
D & A & D & C & B \\
- & E & B & E & G \\
------------------- & \\
B & F & E & G \\
------------------- & \\
\end{array}
\]

What digit is represented by each letter?
72. The Jones have named their four boys after favorite relatives; their friends, the Smiths, have done the same thing with their three boys. One of the families has twin boys. From the following clues, can you determine the families of all seven children and their ages?
   i) Valentine is 4 years older than his twin brothers.
   ii) Winston, who is 8, and Benedict are not brothers. They are each named after a grandfather.
   iii) Briscoe is two years younger than his brother Hamilton, but three years older than Dewey.
   iv) Decatur is 10 years old.
   v) Benedict is 3 years younger than Valentine; they are not related.
   vi) The twins are named for uncles.

73. Motorboat A leaves shore P as B leaves Q; they move across the lake at a constant speed. They meet first time 600 yards from P. Each returns from the opposite shore without halting, and they meet 200 yards from from. How long is the lake?

74. On the Island of Imperfection there is a special road, Logic Lane, on which the houses are usually reserved for the more mathematical inhabitants. Add, Divide and Even live in three different houses on this road (which has houses numbered from 1-50). One of them is a member of the Pukka Tribe, who always tell the truth. Another is a member of the Wotta Tribe, who never tell the truth and the third is a member of the Shalla Tribe, who make statements which are alternately true and false, or false and true. They make statements as follows:

   ADD:
   1. The number of my house is greater than that of Divide's.
   2. My number is divisible by 4.
   3. Even's number differs by 13 from that of one of the others.

   DIVIDE:
   1. Add's number is divisible by 12.
   2. My number is 37.
   3. Even's number is even.

   EVEN:
   1. No one's number is divisible by 10.
   2. My number is 30.
   3. Add's number is divisible by 3.

Find to which tribe each of them belongs, and the number of each of their houses.

75. The names of the inhabitants of Walkie Talkie Land sound strange to the visitors, and they find it difficult to pronounce them, due to their length and a few vowel sounds they contain. The Walkie Talkie guide is discussing the names of four inhabitants – A, B, C and D. Their names each contain up to eight syllables, although none of the four names contain the same number. Two of the names contain no vowel sounds; one contains one vowel sound; and one contains two vowel sounds. From the Guide's statements below, determine the number of syllables and vowel sounds in each of the four Walkie Talkie names:

   i) The one whose name contains two vowel sounds is not A.
   ii) C's name does not contain more than one vowel sound or fewer than seven syllables.
   iii) The name with seven syllables does not contain exactly one vowel sound.
   iv) B and C do not have names with the same number of vowel sounds.
   v) Neither the name with five syllables nor the name with seven syllables contains more than one vowel sound.
   vi) Neither the name with six syllables, nor the B's name, contains two vowel sounds.
76. Two identical twins have a very unusual characteristic. One tells nothing but lies on Mondays, Wednesdays and Fridays, and tells nothing but the truth all other days. The other tells nothing but lies on Tuesdays, Thursdays and Saturdays, and tells nothing but the truth all other days. On Sundays both children speak the truth.

77. According to the information presented, which of the following conversations will be impossible.
   a) Twin A : "Today you are a liar"
      Twin B : "You are telling the truth"
   b) Twin A : "Today you are a liar"
      Twin B : "Today I am a truth teller"
   c) Twin A : "Tomorrow I shall be a liar"
      Twin B : "That's correct"
   d) Twin A : "Tomorrow you will be a liar"
      Twin B : "Today you are a truth teller"
   e) Twin A : "Yesterday we were both truth tellers"
      Twin B : "You are lying".

78. Assume that the twins followed a different set of rules, so that on a given day both told only the truth while next day both only lied, alternating days of truth telling and lying. Under these rules, which of the following conversations would be possible?
   a) Twin A : "Today you are a liar"
      Twin B : "That is correct"
   b) Twin A : "Today you are a liar"
      Twin B : "That is not so"
   c) Twin A : "Tomorrow we will be liars"
      Twin B : "Yesterday we were truth tellers"
   d) Twin A : "Tomorrow we will be liars"
      Twin B : "You are 1 year older than I am"
   e) Twin A : "We always tell the truth"
      Twin B : "We some times tell the truth".

79. If the twins are heard saying the following on the same day, which choice presents a correct statement?
   Twin A : "It is Sunday today"
   Twin B : "Yesterday was Sunday"
   Twin A : "It is summer season now"
   a) it is a summer Sunday.
   b) it is a summer Monday.
   c) it is Monday but not summer.
   d) it is Sunday but not summer.
   e) it is impossible to determine whether it is Sunday or Monday.

80. In the month of October in a year has exactly four Mondays and four Fridays, find what day of week will be on the 20th of November of that year.
   Ans: 20th November was a Wednesday.
81. Six persons A, B, C, D, E & F went to solid cinema. There are six consecutive seats. A sits in one of the seats followed by B, followed by C and soon. If a taken one of the six seats, then B should sit adjacent to A. C should sit adjacent to A or B. D should sit adjacent to A, B, or C and soon. How many possibilities are there?
Ans: 32 ways.

83. In mathematica country 1, 2, 3, 4, ..., 8, 9 are nine cities. Cities which form a no. that is divisible by 3 are connected by airplanes. (e.g. cities 1 & 2 form no. 12 which divisible by 3 then 1 is connected to city 2). Find the total no. of ways you can go to 8 if you are allowed to break the journeys.
Ans: 5.

84. ABCDE are sisters. Each of them gives 4 gifts and each receives 4 gifts No two sisters give the same combination (e.g. if A gives 4 gifts to B then no other sisters can give four to other one.)
(i) B gives four to A.
(ii) C gives 3 to E.
How much did A, B, C, E give to D?
Ans: Donor no of gifts A 1 B - C 1 D 2

85. There are some bulbs, which are numbered from 1 to 100. All the bulbs are in on conditions. The following operations are performed:
1. Those bulbs number which are divisible by 2 are switched OFF.
2. Those bulbs numbered which are divisible by 3 are switched ON (which are already OFF) and OFF bulbs are switched ON.
3. Similarly bulbs numbers divisible by 4 are either switched ON or OFF depending upon there previous condition.
4. This procedure is adopted till 100th bulb.
At the end there were how many bulbs which were in ON condition?
Ans: 10 (only perfect squares).

86. There are different numbers related with A, B, C, D, E such that, AB*CD=EEE. E*CD-AB=CC.
Find AB*D.
Ans: BE.

87. Find the total no of 10 digits whose sum is 4.

88. Four musician problem (refer GRE BARRONS).

89. GRE BARRONS problem --> Problem number 25 to 28 page no. 4.
90. A, B, C are 3 girls and there are 770 Apples. For every 4 Apples, A takes, B takes 3. For every 6 Apples, C takes 7 Apples? Ans: 261:145:303.

91) T, U, V are 3 friends digging groups in fields. If T & U can complete 1 groove in 4 days &, U & V can complete 1 groove in 3 days & V & T can complete in 2 days. Find how many days each takes to complete 1 groove individually. Ans: 24 days.

92) 4 mathematician has x apples. If he arranges them in rows of 3 one will be left. The same is the case with 5, 7, 9 apples. But when he arranged them in rows of 11, none will be left. Find the no. of apples. C h e t a n S

93) H starts running after T reaches 1/5th they must when H reach 1/6th, if H wants win at what speed H should be run? Note: One circle is there, you show this type of problem.

94) There are 4 mothers, 4 daughters and the colour of their dresses, and they are aged 1, 2, 3 & 4. Details of the dresses are given & then it asked about the remaining dresses.

95) There are 5 levels of dolls and each of different colors & condition are given. Note: This type of problem also refer.

96) 5 student A, B, C, D, E. One student knows 5 languages. Like that up to one language.
Conditions:-
*) Spanish is most popular language.
*) 3 persons knows Porchigese.
*) B & C normally speak English, but when D gathered, they switched to Spanish because that is only common between the three.
*) Only language common between A, B, E is French.
*) Only language common between C & E is Italian.

97. An escalator is descending at constant speed. A walks down and takes 50 steps to reach the bottom. B runs down and takes 90 steps in the same time as A takes 10 steps. How many steps are visible when the escalator is not operating. ANS. 150.

98. Every day a cyclist meets a train at a particular crossing. The road is straight before the crossing and both are travelling in the same direction. Cyclist travels with a speed of 10 Km/h. One day the
cyclist comes late by 25 min. and meets the train 5km before the crossing. What is the speed of the train?
60 kmph.

99. Five persons muckerjee, misra, iyer, patil and sharma, all take then first or middle names in the full names. There are 4 persons having first or middle name of kumar, 3 persons with mohan, 2 persons with dev and 1 anil.
-- Either mukherjee and patil have a first or middle name of dev or misra and iyer have their first or middle name of dev.
-- Of mukherjee and misre, either both of them have a first or middle name of mohan or neither have a first or middle name of mohan.
-- Either iyer or sharma has a first or middle name of kumar but not both.
Who has the first or middle name of anil?
Today is Mukherjee.

Infosys Previous Placement Paper and Model Questions for practice

Analytical reasoning:-

1. A family I know has several children. Each boy in this family has as many sisters as brothers but each girl has twice as many brothers as sisters. How many brothers and sisters are there?
Ans: 4 boys and 3 girls.

2. In a soap company a soap is manufactured with 11 parts. For making one soap you will get 1 part as scrap. At the end of the day u have 251 such scraps. From that how many soaps can be manufactured?
Ans: 25.

3. There is a 5digit no. 3 pairs of sum is eleven each. Last digit is 3 times the first one. 3 rd digit is 3 less than the second.4 th digit is 4 more than the second one. Find the digit.
Ans : 25296.

4. Every day a cyclist meets a train at a particular crossing. The road is straight before the crossing and both are traveling in the same direction. The cyclist travels with a speed of 10 Km/h. One day the cyclist comes late by 25 min. and meets the train 5km before the crossing. What is the speed of the train?
Ans: 60 km/h

5. Two twins have certain peculiar characteristics. One of them always lies on Monday, Wednesday, and Friday. The other always lies on Tuesdays, Thursdays and Saturdays. On the other days they tell the truth. You are given a conversation.
Person A-- today is Sunday my name is Anil
Person B -- today is Tuesday, my name is Bill
What day is today?
Ans: Today is Tuesday
Directions 6:10
In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?
Answers 6-10
Directions 11-15: Each problem consists of a problem followed by two statements. Decide whether the data in the statements are sufficient to answer the question. Select your answer according to whether:
(A) statement 1 alone is sufficient, but statement 2 alone is not sufficient to answer the question
(B) statement 2 alone is sufficient, but statement 1 alone is not sufficient to answer the question
(C) both statements taken together are sufficient to answer the question, but neither statement alone is sufficient
(D) each statement alone is sufficient
(E) statements 1 and 2 together are not sufficient, and additional data is needed to answer the question

11. If x and y are both positive integers, how much greater is x than y?
   x + y = 20
   x = y^2

12. Fifty percent of the articles in a certain magazine are written by staff members. Sixty percent of the articles are on current affairs. If 75 percent of the articles on current affairs are written by journalists with more than 5 years experience of journalism, how many of the articles on current affairs are written by journalists with more than 5 years experience? 20 articles are written by staff members. Of the articles on topics other than current affairs, 50 percent are by staff members with less than 5 years experience.

13. Is xy > 0?
   x/y < 0
   x + y < 0

14. One number, n, is selected at random from a set of 10 integers. What is the probability that ½ n + 13 = 0? The largest integer in the set is 13. The arithmetic mean of the set is zero?

15. Is w a whole number? 3w is an odd number. 2w is an even number.

Directions (Question 16 to 19 ) : Read the following information carefully and answer the questions given below it. IV.
i) There are six friends A,B,C,D,E and F
ii) Each one is proficient in one of the games, namely Badminton, Volleyball, Cricket, Hockey, Tennis and Polo
iii) Each owns a different coloured car, namely yellow, green, black, white, blue and red.
iv) D plays Polo and owns a yellow coloured car
v) C does not play either Tennis or Hockey and owns neither blue nor yellow coloured car
vi) E owns a white car and plays Badminton
vii) B does not play Tennis, he owns a red coloured car.
viii) A plays Cricket and owns a black car

16. Who plays Volleyball?
   A) B
   B) C
   C) F
   D) Data inadequate
17. Which coloured car F owns?
A) Green
B) Blue
C) Either Green or Blue
D) Data inadequate
E) None of these
Ans: B

18. Which of the following combinations of colour of car and game played is not correct?
A) Yellow - Polo
B) Green - Tennis
C) Black - Cricket
D) Red - Hockey
E) None of these
Ans: B

19. In a group of six women, there are four dancers, four vocal musicians, one actress and three violinists. Girija and Vanaja are among the violinists while Jalaja and Shailaja do not know how to play on the violin. Shailaja and Tanuja are among the dancers. Jalaja, Vanaja, Shailaja and Tanuja are all vocal musicians and two of them are also violinists. If Pooja is an actress, who among the following is both a dancer and violinist?
A) Jalaja
B) Shailaja
C) Tanuja
D) Pooja
Ans: C

20. Salay walked 10 m towards West from his house. Then he walked 5 m turning to his left. After this he walked 10 m turning to his left and in the end he walked 10 m turning to his left. In what direction is he now from his starting point?
(A) South
(B) North
(C) East
(D) West
(E) None of these
Ans: (B)

21. Manish goes 7 km towards South-East from his house, then he goes 14 km turning to West. After this he goes 7 km towards North West and in the end he goes 9 km towards East. How far is he from his house?
(A) 5 km
(B) 7 km
(C) 2 km
(D) 14 km
(E) None of these
Ans: (A)
22. Laxman went 15 kms from my house, then turned left and walked 20 kms. He then turned east and walked 25 kms and finally turning left covered 20kms. How far was he from his house.
(A) 5 kms
(B) 10 kms
(C) 40 kms
(D) 80 kms
(E) None of these
Ans : (D)

23. The door of Aditya’s house faces the east. From the back side of his house, he walks straight 50 metres, then turns to the right and walks 50 metres, then turns towards left and stops after walking 25 metres. Now Aditya is in which direction from the starting point?
(A) South-East
(B) North-East
(C) South- West
(D) North-West
(E) None of these
Ans : (D)

24. P, Q, R and S are playing a game of carrom. P, R, and S, Q are partners. S is to the right of R who is facing west. Then Q is facing ?
(A) North
(B) South
(C) East
(D) West
(E) None of these
Ans : (A)

25. A clock is so placed that at 12 noon its minute hand points towards north-east. In which direction does its hour hand point at 1.30 p.m?
(A) North
(B) South
(C) East
(D) West
(E) None of these
Ans: C

26. A man walks 30 metres towards South. Then, turning to his right, he walks 30 metres. Then turning to his left, he walks 20 metres. again he turns to his left and walks 30 metres. How far is he from his initial position?
A. 20 metres
B. 30 metres
C.60 metres
D. 80 metres
E None of these
Ans: E

Directions 27-30 : The table below shows the number of people who responded to a survey about their favorite style of music. Use this information to answer the following questions to the nearest whole percentage.
27. What percentage of respondents under 31 indicated that blues in their favorite style?
   A. 7.1
   B. 7.6
   C. 8.3
   D. 14.1
   E. 7.2
   Ans: B

28. What percentage of respondents aged 21-30 indicated that jazz is their favorite style?
   A. 64%
   B. 60%
   C. 75%
   D. 36%
   E. 46%
   Ans: A

29. What percentage of the total sample indicated that Jazz is their favorite style of music?
   A. 6%
   B. 8%
   C. 22%
   D. 4%
   E. 11%
   Ans: E

30. What percentage of the total sample were aged 21-30?
   A. 31%
   B. 23%
   C. 25%
   D. 14%
   E. 30%
   Ans: C

Infosys Verbal ability Question consists 40 in 35 Minutes
Verbal Ability Test (40 Questions in 35 minutes)
Directions for Questions 1-5: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Much of the information we have today about chimpanzees comes from the groundbreaking, long-term research of the great conservationist, Jane Goodall. Jane Goodall was born in London, England, on April 3, 1934. On her second birthday, her father gave her a toy chimpanzee named Jubilee. Jubilee was named after a baby chimp in the London Zoo, and seemed to foretell the course Jane’s life would take. To this day, Jubilee sitsin a chair in Jane’s London home. From an early age, Jane was fascinated by animals and animal stories. By the age of 10, she was talking about going to Africa to live among the animals there. At that time, in the early 1940s, this was a radical idea because women did not go to Africa by themselves. As a young woman, Jane finished school in London, attended secretarial school, and then worked for a documentary filmmaker for a while. When a school friend invited her to visit Kenya, she worked as a waitress until she had earned the fare to travel there by boat. She was 23 years old. Once in Kenya, she met Dr. Louis Leakey, a famous paleontologist and anthropologist. He was impressed with her thorough knowledge of Africa and its wildlife, and hired her to assist him and his wife on a fossil-hunting expedition to Olduvai Gorge. Dr. Leakey soon realized that Jane was the perfect person to complete a study he had been planning for some time. She expressed her interest in the idea of studying animals by living in the wild with them, rather than studying dead animals through paleontology. Dr. Leakey and Jane began planning a study of a group of chimpanzees who were living on the shores of Lake Tanganyika in Kenya. At first, the British
authorities would not approve their plan. At the time, they thought it was too dangerous for a woman to live in the wilds of Africa alone. But Jane’s mother, Vanne, agreed to join her so that she would not be alone. Finally, the authorities gave Jane the clearance she needed in order to go to Africa and begin her study. In July of 1960, Jane and her mother arrived at Gombe National Park in what was then called Tanganyika and is now called Tanzania. Jane faced many challenges as she began her work. The chimpanzees did not accept her right away, and it took months for them to get used to her presence in their territory. But she was very patient and remained focused on her goal. Little by little, she was able to enter their world. At first, she was able to watch the chimpanzees only from a great distance, using binoculars. As time passed, she was able to move her observation point closer to them while still using camouflage. Eventually, she was able to sit among them, touching, patting, and even feeding them. It was an amazing accomplishment for Jane, and a breakthrough in the study of animals in the wild. Jane named all of the chimpanzees that she studied, stating in her journals that she felt they each had a unique personality. One of the first significant observations that Jane made during the study was that chimpanzees make and use tools, much like humans do, to help them get food. It was previously thought that humans alone used tools. Also thanks to Jane’s research, we now know that chimps eat meat as well as plants and fruits. In many ways, she has helped us to see how chimpanzees and humans are similar. In doing so, she has made us more sympathetic toward these creatures, while helping us to better understand ourselves. The study started by Jane Goodall in 1960 is now the longest field study of any animal species in their natural habitat. Research continues to this day in Gombe and is conducted by a team of trained Tanzanians. Jane’s life has included much more than just her study of the chimps in Tanzania. She pursued a graduate degree while still conducting her study, receiving her Ph.D. from Cambridge University in 1965. In 1984, she received the J. Paul Getty Wildlife Conservation Prize for "helping millions of people understand the importance of wildlife conservation to life on this planet." She has been married twice: first to a photographer and then to the director of National Parks. She has one son. Dr. Jane Goodall is now the world’s most renowned authority on chimpanzees, having studied their behavior for nearly 40 years. She has published many scientific articles, has written two books, and has won numerous awards for her groundbreaking work. The Jane Goodall Institute for Wildlife Research, Education, and Conservation was founded in 1977 in California but moved to the Washington, D.C., area in 1998. Its goal is to take the actions necessary to improve the environment for all living things. Dr. Goodall now travels extensively, giving lectures, visiting zoos and chimp sanctuaries, and talking to young people involved in environmental education. She is truly a great conservationist and an amazing human being.

Read this sentence from the article.

1. 'But she was very patient and remained focused on her goal'. What is an antonym for the word focused?
   A) bothered
   B) tired
   C) disinterested
   D) concerned
   Ans: C

2. What is the author’s purpose in writing this article?
   A) to entertain the reader with stories about chimpanzees
   B) to inform the reader of the importance of wildlife conservation
   C) to warn the reader about the challenges of working in Africa
   D) to describe the work and life of Jane Goodall.
   Ans: D

3. Which of the following is NOT one of the reasons Dr. Leakey chose Jane to work with him?
   A) She knew a lot about Africa.
   B) She knew a lot about African wildlife.
   C) She earned the money to travel to Africa on her own.
   D) She was interested in studying animals in the wild.
   Ans: C

4. Which of the following is NOT true of chimpanzees?
A) Chimpanzees are often comfortable with strangers right away.
B) Chimpanzees eat meat as well as plants and fruit.
C) Chimpanzees use tools to help them get food.
D) Different chimpanzees have different personalities.
Ans: A

5. Jane Goodall is now the world’s most renowned authority on chimpanzees, having studied their behavior for nearly forty years. What does authority mean?
A) an intelligent person
B) one who studies animals
C) a scientist
D) an expert
Ans: B

Read this sentence from the article.
Directions for Questions 6-10: Read the passage and answer the questions that follow on the basis of the information provided in the passage.

There are some men who seem to be always on the lookout for trouble and, to tell the truth, they are seldom disappointed. Listening to such men one would think that this world is one of the stormiest and most disagreeable places. Yet, after all it is not such a bad place and the difficulty is often in the man who is too thin-skinned. On the other hand, the man who goes out expecting people to be like himself, kind and brotherly, will be surprised at the kindness he meets even in the most unlike quarters. A smile is apt to be met met with a respective smile while the sneer is just as apt to provoke a snarl. Men living in the same neighborhood may live vastly different lives. But it is not the neighborhood which is quarrelsome, but the man within us. And we have it in our power to change our neighborhood into a pleasant one by simply changing our own ways.

6. The passage is about
A) our disagreeable and hostile world
B) a kindly and pleasant world
C) our different and unresponsive world
D) the world and what one makes of it.
Ans: D

7. "...............they are seldom disappointed". The statement denotes that such men
A) welcome difficulties as a morale booster
B) do not have face any trouble
C) manage to keep unruffled in the face of discomforts
D) generally do not fail to come across troubles
Ans: D

8. The author's own view of the world is that it is
A) one of the loveliest and quietest places
B) an unpleasant and turbulent place
C) one's own excessive sensitivity that makes it a bad place
D) a sordid place for those who suffer in life
Ans: C

9. Which of the following is opposite in meaning to the expression 'thin-skinned' as sed in the passage?
A) Insensitive
B) Intelligent
C) Awkward
D) Obstinate
Ans: A

10. "On the other hand .......... unlikely quarter" The statement shows that people's reaction to our attitude is
A) Generally indifferent
B) surprisingly responsive
C) often adverse
D) mainly favourable
Ans: B

Directions 11-18: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

11. For a few seconds, Madan was .............blinded by the powerful lights of the oncoming car
A) heavily
B) largely
C) greatly
D) powerfully
E) totally
Ans: E

12. His interest in the study of human behavior is indeed very .............
A) strong
B) large
C) broad
D) vast
E) deep
Ans: E

13. The police have ...............a complaint against four persons
A) entered
B) lodged
C) registered
D) noted
E) received
Ans: C

14. The improvement made by changes in the system was ...............and did not warrant the large expenses.
A) large
B) small
C) minute
D) marginal
E) uncertain
Ans: D
15. The man who is .....................hesitating which of the two things he will do first, will do neither.
   A) persistently
   B) constantly
   C) insistently
   D) consistently
   E) perpetually
   Ans: A

16. He is too .....................to be deceived easily
   A) strong
   B) modern
   C) kind
   D) honest
   E) intelligent
   Ans: E

17. The Manager gave her his ..... that the complaint would be investigated
   A. assurance
   B. suggestion
   C. avowal
   D. support
   Ans: A

18. I am feeling ...... better today.
   A. rather
   B. too
   C. fairly
   D. very
   Ans: C

Direction Questions 19-26: In each question below is given a passage followed by several inference. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity. Mark your answer as:
A. if the inference is 'definitely true' i.e., it directly follows from the facts given in the passage
B. if the inference is 'probably true' though not definitely true in the light of the facts given
C. if you think the data are inadequate i.e., from the facts given you cannot say whether the inference is likely to be true or false
D. if you think the inference is 'probably false' though not definitely false in the light of the facts given; and
E. if you think inference is 'definitely false' i.e., it contradicts the given facts.

Passage I
Urban services have not expanded fast enough to cope with urban expansion. Low investment allocation have tended top be under spent. Both public( e.g. water and sewage) and private (e.g. low-income area housing) infrastructure quality has declined. this impact of the environment in which children live and the supporting services available to them when they fall ill, seems clear. The decline in average food availability and the rise in absolute poverty point in the same satisfactory direction
19. There is nothing to boast about urban services  
   Ans: A

20. The public transport system is in the hands of private sector.  
   Ans: C

21. Birth rate is higher in Urban areas compared to rural areas.  
   Ans: C

22. Low-cost urban housing is one of the priorities  
   Ans: B

23. The environment around plays an important role on the health status.  
   Ans: A

Passage II

Though the state cultivate only 3.2 lakh tonnes of mangoes, they are of premium quality and with mangoes becoming second most consumed fruit in the world after grapes. The government has been trying exporting it through sea route which is cheaper. An experiment which was done in this regard last year has proved successful.

24. Quality of mangoes is an important factor in exports.  
   Ans: A

25. The state also exports good quality grapes  
   Ans: C

26. The state also cultivates a large number of medium quality mangoes.  
   Ans: E

Direction 27-32: In each of the following questions, find out which part of the sentence has an error. If there is no mistake the answer is 'no error'

27. I going there / will not solve / this complicated problem / No error

28. You can get / all the information you want / in this book / No error

29. The bus could not / ascend the steep hill / because it was in the wrong gears / No error

30. No stronger / a figure than his / is prescribed in the history / No error

31. most people would have / attended the union meeting / if they had / longer notice of it / No error

32. And though one did not / quite believe his claim / one saw no harm / in granting him permission / No error

Directions 33: In each question, a part of sentence is printed in italics. Below each sentence, some phrases are given which can substitute the italicized part of the sentence. If the sentence is correct as it is, the answer is 'No correction required'
33. The problems of translation are still remain.
A. are remain.
B. will remained
C. will still remain.
D. No Correction required
Ans : C

34. It is ten years since I have begun living here
A. begun
B. had begun
C. began
D. No Correction required
Ans : C

35. Education is a strong instrument for moldings the character of the young.
A. striking
B. powerful
C. potent
D. No Correction required
Ans : B

36. He gave the I.A.S. examination in all seriousness.
A. appeared
B. took
C. undertook
D. No Correction required
Ans: B

37. He has cooked that meal so often he can do it with his eyes closed.
A. mind blank
B. eyes covered
C. hands full
D. No Correction required
Ans: D

38. The young hikers went as far as they finally got lost in the valley.
A. so far that
B. too far that
C. so far as that
D. No Correction required
Ans: A

39. He stopped to work an hour ago
A. to working
B. to have worked
C. working
D. No Correction required
Ans : C
40. The fact finding committee has so far not made any advancement.
A. progress
B. improvement
C. stride
D. No Correction required
Ans: A

INFOSYS PAPER ON 6th MARCH AT KOLKATA

Hi Friends, I am Shubhadip Datta from Govt. College Of Engineering & Ceramic Technology, Kolkata. There was a poll campus interview of Infosys in our college campus on 6th March, 2008. Almost 375 students from 5 different colleges were attain this campus interview. And friends good news that I am the one of lucky one to get chance to take training from Mysore.

Statistic:
No of College=5
Total Students=375
Students who cleared Aptitude Test=25 (Be careful huge reduction in this section)
Students Select in interview=14 (I am one of them)

Selection Procedure:
Infosys is such a company where there is no barrier in stream. That means students from any stream can sit in Infosys. There are no direct Technical round in Infosys.

The whole Selection Process contains two section Aptitude test.
> Analytical & Logical reasoning:(30 question : 40 minutes)
> English section: (40 question : 35 minutes)

Friends they will not tell about any sectional cut off be careful about section cutoff. I heard that there is 60% cutoff in first Section, & 50% from second section.

After Aptitude test HR interview.
Study Materials:
> Verbal & Non verbal-R.S. Agarwal.
> Some Time’s CAT study materials.
> And of course last but not least Freshers World (Be Regular & update with this site, You will get really very help)

Analytical & Logical reasoning
Friends I have not remembered the order of questions but I am telling the questions in such a order that I follow and I am sure that you also get advantage if you solve question in such order.
> Syllogism: (5 question) – Friends not only in Infosys but also in others first attempt this question. It is very easy to solve.
Question Pattern: Statement: All A is B. Some B is C.
Conclusion: I, II
You have no need to memories all the rule of R.S. Agrawal and even you have no need to draw
vein Diagram to solve it, If you follow Time’s CAT materials. There is very simple rule in
Time’s materials by which you can solve a syllogism with in 15 sec.

>Figure Series: (5 questions) - This is really very simple. For practice see Agrawal. But don’t
waste too much time for it.
>Dice & Cube Problem: (5 questions) - In my apti the prob was like below:
A cube is given and is painted six side with six diff colors.
Red is adjacent of yellow and green.
Pink is opposite of yellow.
Brown is in the bottom face

Now Q: 1) Which color is in the top face?
Q: 2) Which color in the opposite face of Red?
But there may also come others pattern:
There is a cube and it is cut in 27/64/125 equals pieces of cube. Now two face is colored with
black, two green, two red.
Q: No of cube which is painted three faces...No of Uncolored cube.....
Just see 3-5 Example from Agrwal It will come in ur hand.

>Puzzel: (5 questions) – Keep ur head cool for these question. I know puzzle makes everyone
puzzled. Read the question carefully draw the diagram, matrix and put the data one by one
according to given information. I am sure that every one can solve it.

>Data Interpretation: (5 question) – A chart, graph, table will be given….and you have to solve
some problem on statistics. It will too much time conserving section so do it at last…..and also
follow the Option elimination process.

**English Section:**
Friends I am really very week in this section. But as I have cleared so you can clear it easily.

>Two passages and 5 question from each passages: Do it at the last. And before reading the
passage see the question one time.
>Sentence Correction: Be care about tense mistake, spelling mistake, using of pronoun.....
>Fill in the Blanks: Gain a details idea on preposition, phrase, idioms.
>Theme Detection.

**HR Interview**
Now the final section. The only one solution to crack the interview is keeping yourself cool.
Friends believe me the Infosys HR panel are the coolest person in the world(At least for my
panel). And always think that they are taking your Interview to sect you, Not to reject you. Be
friendly, polite with them.....
I was in the two persons’ panel. And I was interviewed two times. After Completing the first interview one interviewer told me “Shubhadip, we are very sorry, Please wait for 5 min outside, we may call you again.”

**First Interview**

Me: Good afternoon sir, May I come in?
HR: Yes, and be seated.
Me: Thank you sir.
HR: So Shubhadip r u tired for waiting long time?
Me: Not at all sir. I am going to be a IT professionals and no word like Tired in their dictionary.
HR: What is the meaning of your name?
Me: I told very clearly(They impressed).
HR: Show your group work capability.
Me: I told about my project …and leadership on that project.
HR: Which quality of leader do you find in your self.
Me: I told and explain them about 10 leadership quality with example.(This is common question in infosys)
HR: What is the crucial decision in your life that change your self?
Me: I told about my school life computer Education…and my interest on computer……
.....
.....
.....

So many questions on teamwork and leadership.

**Second interview**

HR: Sorry Shubhadip for taking your second interview.
Me: Sir, Its my pleasure to get chance to sit in front you again.(Always show the politeness & good Behavior)
HR: What is your week points?
Me: ……
HR: What is your reaction when one rectify ur week points?
Me: ……
HR: How do you react when a misunderstanding is happened in a group work?
Me: ……
HR: give some example on you real life..
Me: ……
So many question on my daily life….
HR: what is your best subject?
Me: Physics.
HR: Tell me about Black Hole.
Me: give a cleared ideas.(they impressed)
HR: Tell something on current Computer related physics.
Me: I told them the use of quantum theory on 6th generation computer. Actually I heard it from a seminar.
HR: (they are really too much hearing these and encouraged me to join all the seminars)
HR: So Shubhadip nice interview with you.
Me: Its my pleasure.(I shake hand with them)

Result:
I was too much tensed. But ultimately selected…..Thank God….Thank Freshers World
……Don’t worry you people also get selected in Infosys…..waiting for you in Mysore .

Good bye ….and Have Good Luck