PLACEMENT TEST PAPER PATTERN FOR INFOSYS

Placement pattern for Infosys consists of two rounds: the written test and a 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:

- 1. APTITUDE REASONING TEST QUESTIONS: 30 DURATION: 40 MINUTES
- 2. VERBAL ABILITY 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 (8questions)

3. FILL IN THE BLANKS (8questions)

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.

1. 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: | | | | |
|------------------|-----|------|-----|----------------|-----------------|-----|--------|--------|------|
| ^ s | S | И | | γ ¹ | Z × | 4 | 2 7 | s 1 | 4 |
| (A) | (B) | (C) | (D) | (E) | (1) | (2) | (3) | (4) | (5) |
| A. 1 Ans: (| С | B. 2 | | C. | 3 |] | D. 4 | | E. 5 |

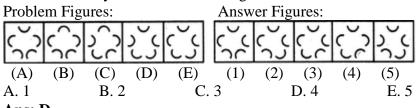
Explanation: In each step, element at the upper-right position gets enlarged, inverts vertically and reaches the lower-left corner; the existing element at the lower-left position, is lost and a new small element appears at the upper-right position.

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

| Proble | m Figi | ures: | | | Answ | er Fig | ures: | | |
|--------|--------|-------|-------|------|------|--------|--------------|-----|------|
| ۵ ٍ۵ | ?_0 | = ? | × _ = | ∆_ × | ۵٫۵ | □ ^ ۵ | = _ \ | ×_0 | |
| x = | Δx | ∆`ם | ? 0 | = ? | x = | x '= | o'x | ? 🛆 | x ~? |
| (A) | (B) | (C) | (D) | (E) | (1) | (2) | (3) | (4) | (5) |
| A. 1 | | B. 2 | | C. | 3 |] | D. 4 | | E. 5 |
| Ans: H | 3 | | | | | | | | |

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.



Ans: D

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

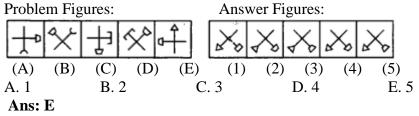
4. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

| Proble | em Fig | gures: | | | Answ | ver Fig | ures: | | |
|--------|--------|-----------------|------------|---------------|------------|--------------|-------|-------------------|-------------------|
| × | * 0 | ★ × 0 | □ ★ × 0 | □o × s★ | □ ° † 1 | × o × d s | | ★ × ★ S O □ | so×★ †□ † S |
| (A) | (B) | (C) | (D) | (E) | (1) | (2) | (3) | (4) | (5) |
| A. 1 | | B. 2 | 2 | C. | 3 | | D. 4 | | E. 5 |

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.



Explanation: In each step, the figure rotates **135** 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. 19B. 21C.22D. They will not call out the same numberE. 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...

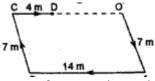
Clearly it is seen that they never call out same nmber at the same time.

7. Radha moves towards South-east a distance of 7 km, then she moves towards West and travels a distance of 14m. From here, she moves towards North-west a distance of 7 m and finally she moves a distance of 4 m towards East and stod at that point. How far is the starting point from where she stood?

A. 3 m B. 4m C.8 m D10 m E.11 m

Ans:D

Explanation: The movements of Radha are shown as below:



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, $\frac{1}{2}$ of the women are married and 1/3 of the married women have children. If 3/4 th of the men are married and2/3 rd of the married men have children, what part of workers are without children? A. 5/18 B. 4/9 C. 11/18 D17/18 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/18Married Men =3/4 * 2x/3 = x/2Men 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 : Р S Ζ R Х А 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. BrotherB. NephewC. UncleD. son in lawE. grand fatherAns: AExplanation:

The father of the boy's uncle \rightarrow the grandfather of the boy and daughter of the grandfather \rightarrow 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.

A. I and II together

D. I, II and III together

B. II and III together E. Data insufficient. C. I and III together

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.

A. Only IB. Only I or IIC. Only IID. 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 at9.00 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.

D. I, II, III together are not sufficient

Ans: 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.

C. I, II and III together

E. I and III together

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.

| ahish y | Man | agers | Techn | icians | Oper | ators | Accou | ntants | Peo | DS. |
|---------|-----|-------|-------|------------------|------|-------|-------|-------------------|-----|------|
| Year | New | Left | New | Left | New | Left | New | Left | New | Left |
| 1995 | 760 | h) | 1200 | 73 <u>15</u> 1d# | 880 | d) | 1160 | 12. <u>43</u> 18. | 820 | _ |
| 1996 | 280 | 120 | 272 | 120 | 256 | 104 | 200 | 100 | 184 | 96 |
| 1997 | 179 | 92 | 240 | 128 | 240 | 120 | 224 | 104 | 152 | 88 |
| 1998 | 148 | 88 | ©236 | 96 | 208 | 100 | 248 | . 96 | 196 | 80 |
| 1999 | 160 | 72 | 256 | 100 | 192 | 112 | 272 | 88 | 224 | 120 |
| 2000 | 193 | 96 | 288 | 112 | 24.8 | 144 | 260 | 92 | 200 | 104 |

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?

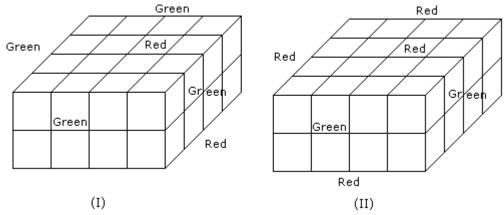
A. Managers B. Technicians C. Operators D. Accountants E. Peons. Ans: A Explanation: No. of managers in 1995 = 760

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 C. 96 E. 72 **B**. 112 D. 88 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? B. 1285 A. 1325 C. 1265 D. 1235 E. 1195 Ans: E **Explanation:** Managers: (760 + 280 + 179) - (120 + 92) = 1007Technicians: (1200 + 272 + 240) - (120 + 128) = 1464Operators: (880 + 256 + 240) - (104 + 120) = 1152Accountants: (1160 + 200 + 224) - (100 + 104) = 1380Peons: (820 + 184 + 152) - (96 + 88) = 972Hence 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.

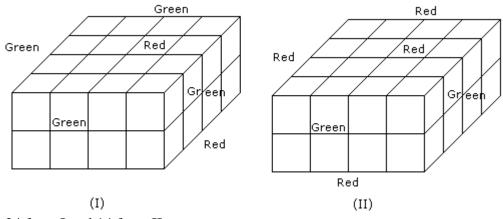
A cube is cut in two equal parts along a plane parallel to one of its faces. One piece is then colored red on the two larger faces and green on remaining. While the other is colored green on two smaller adjacent faces and red on the remaining. Each is then cut into 32 cubes of same size and mixed up.

21. How many cubes have only one colored face each?A. 32B. 8C. 16D. 24E. 0Ans: CExplanation:



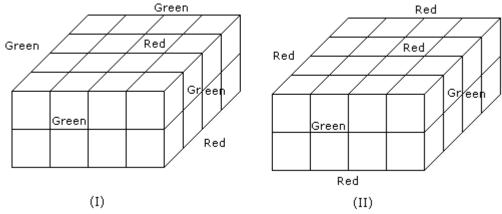
8 from first half and 8 from second half of the main cube. Hence total of 16 cubes.

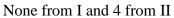
22. What is the number of cubes with at least one green face on each?
A. 36
B. 32
C. 38
D. 48
E. 40
Ans: C
Explanation:



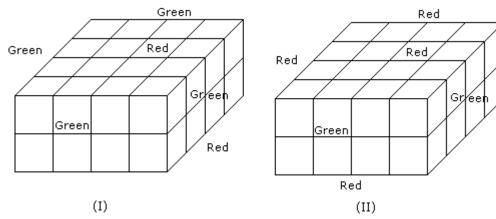
24 from I and 14 from II

23. How many cubes have two red and one green face on each?A. 16B. 12C. 8D. 4E. 0Ans: DExplanation:



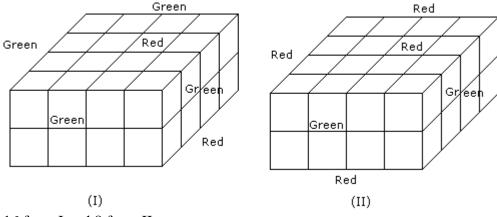


24. How many cubes have no colored face at all?A. 32B. 24C. 16D. 8Explanation:



There is no cube in all, when all the faces are enclosured.

25. How many cubes have each one red and another green?A. 0B. 8C.16D.24E.32Ans: DExplanation:



16 from I and 8 from II

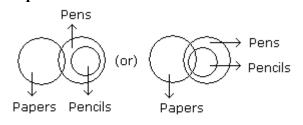
Directions (Questions 26-30): In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions 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.
- A. Only (1) conclusion follows
- B. Only (2) conclusion follows
- C. Both (1) and (2) follow
- D. Either (1) or (2) follows
- E. Neither (1) nor (2) follows

Ans: C Explanation:



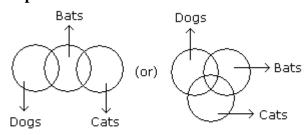
Both (1) and (2) follow.

27. Statements: Some dogs are bats. Some bats are cats.

Conclusions:

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

Ans: E Explanation:



None of the two follows.

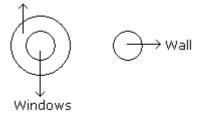
28. Statements: All the windows are doors. No door is a wall.

Conclusions:

- 1. Some windows are walls.
- 2. No wall is a door.
- A. Either (1) or (2) follows
- B. Only (2) conclusion follows
- C. Both (1) and (2) follow
- D. Neither (1) nor (2) follows
- E. Only (1) conclusion follows

Ans: B Explanation:





Only (2) follows.

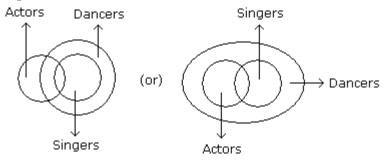
29. Some actors are singers. All the singers are dancers.

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

Ans: A

Explanation:



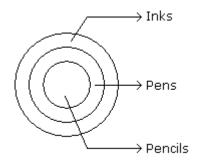
Only (1) follows.

30. Statements: All the pencils are pens. All the pens are inks.

Conclusions:

- 1. All the pencils are inks.
- 2. Some inks are pencils.
- A. Only (2) conclusion follows
- B. Only (1) conclusion follows
- C. Either (1) or (2) follows
- D. Both (1) and (2) follow
- E. Neither (1) nor (2) follows

Ans: D Explanation:



Both (1) and (2) follow.

PART B

SAMPLE TEST PAPER OF VERBAL ABILITY FOR INFOSYS

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 not 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 allB.had all shocked atC.had all shocked byD.had been all shocked onE. No correction requiredD.had been all shocked on

Ans: E

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

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

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.yesterday performance were D.performances about yesterday were E. No correction required

Ans: E

5. The crime has growth rapidly in Russia since the disintegration of the communist

system. A.rapid crime has grown C.crimes grow rapidly E.No correction required

B.crime has grown rapidly D.crimes have been rapidly grown

Ans: B

| 6. My hair stood off ends when I saw the horrible sight. | | | | |
|--|------------------|--|--|--|
| A.stood at ends | B.stood 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 C.Had the room been brighter

B.If the room are 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 <u>*I go in a lift*</u> 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 <u>to bear</u> 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 (Questions17-24): 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.is 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 manpower.

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.

The passage best supports the statement that real education - A.Will take place if the children imbibe action and feeling.

B. Will take place if the children are physically strong.

C.Is not provided in our schools today.

D.comes through the interaction with social situations

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 (Questions31-40): The following section consists of two passages followed by set of questions. Read the passage thoroughly and answer the set of questions given below the passage.

(31 - 35): 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 itselfB.health is blessingC.health is only means to an endD.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 possibleB.looking after his healthC.his health which makes work possibleD.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 organizationB.modernization of the organizationC.attracting highly qualified personnelD.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

C. jealous of their younger colleagues

D.robbed of their rank, power and privilege

Ans: A

Infosys Reasoning Ability Questions and Answers

Q1. In the class interval 13-23, 23 is known as _____.

- A. Frequency
- B. Class width

C. Upper class limit

D. Lower class limit

Answer: C

Q2. For the class interval 72-93, the class width is _____.

- A. 20
- B. 21
- C. 93
- D. 72

Answer: B

Q3 Direction: The question below consists of a question and two statements numbered I and II given, You

have to decide whether the data provided in which of the statements are sufficient to answer the question.

Choose your answer from the options based on this.

Z is in which direction with respect to T?

I) T is south of A & south east of B.

II) Z is east of B & A.

A. The data in statement I alone is sufficient to answer the question while the data in statement II alone is not

sufficient to answer the question.

B. The data in statement II alone is sufficient to answer the question while the data in statement I alone is not

sufficient to answer the question.

C. The data either in statement I alone or in statement II alone is sufficient to answer the question.

D. The data in both statements I and II together is necessary to answer the question. Answer: D

Q4. Direction: The question below consists of a question and two statements numbered I and II given. You have to decide whether the data provided in which of the statements are sufficient to answer the question.

Choose your answer from the options based on this.

What is the code for the word 'COLD'?.

I. The code for the word 'ROLE' is 18,15,12,5.

II. The code for the word 'ART' is 1,18,20.

A. The data in statement I alone is sufficient to answer the question while the data in statement II alone is not

sufficient to answer the question.

B. The data in both statements I and II together is necessary to answer the question.

C. The data in statement II alone is sufficient to answer the question while the data in statement I alone is not

sufficient to answer the question.

D. The data either in statement I alone or in statement II alone is sufficient to answer the question.

Answer: D

Q5. The range of the data 7, 10, 6, 72, 83, 60, 12, 5 is _____.

A. 78

- B. 85
- C. 72

D. 83

Answer: A

Q6. In the question below, three statements are given, followed by two conclusions, I and II. You have to

consider the statement to be true even if it seems to be at variance from commonly known facts. You have to

decide which of the given conclusions, if any, follows from the given statements.

Statements:

All shoes are legs. Some legs are pairs.

Some pair are hands.

Conclusions:

I. Some hands are shoes.

- II. Some pairs are shoes.
- A. Only conclusion II follows.
- B. Only conclusion I follows.
- C. Both conclusion I and II follow.
- D. Neither conclusion I nor II follow.

Answer: D

Q7. Direction: The question below consists of a question and two statements numbered I and II given. You

have to decide whether the data provided in which of the statements are sufficient to answer the question.

Choose your answer from the options based on this.

Among persons S, T, U, V, W and B who is the tallest?

I. U is taller than only two persons. T is taller than S but not the tallest. W is taller than only B. II. S is shorter

than only two persons. W is taller than B but shorter than U. U is shorter than S. T is shorter than V.

A. The data in statement I alone is sufficient to answer the question while the data in statement II alone is not

sufficient to answer the question.

B. The data in statement II alone is sufficient to answer the question while the data in statement I alone is not

sufficient to answer the question.

C. The data either in statement I alone or in statement II alone is sufficient to answer the question.

D. The data in both statements I and II together is necessary to answer the question. Answer: C

Q8. In the question below, two statements are given, followed by two conclusions, I and II. You have to

consider the statement to be true even if it seems to be at variance from commonly known facts. You have to

decide which of the given conclusions, if any, follows from the given statements.

Statements:

Some Apples are Mangoes.

All Mangoes are Bananas.

Conclusion:

I. All Apples are Bananas.

II. Some Apples are not Bananas.

A. Only conclusion II follows.

B. Only conclusion I follows.

C. Both conclusion I and II follow.

D. Either I or II follows.

Answer: D

Q9. Direction: The question below consists of a question and two statements numbered I and II given, You

have to decide whether the data provided in which of the statements are sufficient to answer the question.

Choose your answer from the options based on this.

Six friends, L, M, N, O, P and Q are sitting in a row facing north.

What is the position of Q with respect to the position of P?

I. L is sitting fourth to the right of M whose only neighbour is Q.

II. O is sitting second to the right of P.

A. The data in statement I alone is sufficient to answer the question while the data in statement II alone is not

sufficient to answer the question.

B. The data in statement II alone is sufficient to answer the question while the data in statement I alone is not

sufficient to answer the question.

C. The data either in statement I alone or in statement II alone is sufficient to answer the question.

D. The data in both statements I and II together is necessary to answer the question. Answer: D

Q10. In the question below, two statements are given, followed by two conclusions, I and II. You have to

consider the statement to be true even if it seems to be at variance from commonly known facts. You have to

decide which of the given conclusions, if any, follows from the given statements.

Statements:

Only a few A is B.

Only a few B is C.

Conclusion:

I. All A is B is a possibility.

II. All C is B is a possibility.

A. Only conclusion II follows.

B. Both conclusion I and II follow.

C. Only conclusion I follows.

D. Neither conclusion I nor II follow.

Answer: A

Q11. For the class interval 72-93, the class width is _____.

A. More than one

B. Zero

C. One

D. Less than one

Answer: A

Q12. In the question below, two statements are given, followed by two conclusions, I and II. You have to

consider the statement to be true even if it seems to be at variance from commonly known facts. You have to

decide which of the given conclusions, if any, follows from the given statements.

Statements:

No car is green.

Some trains are green.

Conclusion:

I. No green is car.

- II. Some trains are car.
- A. Both conclusion I and II follow.
- B. Neither conclusion I nor II follow.
- C. Only conclusion I follows.
- D. Only conclusion II follows.

Answer: C

Q13. Frequency of any observation can't be ____.

- A. 3
- B. 2.5
- C. 22

D. 5

Answer: B

Q14. In the question below, two statements are given, followed by two conclusions, I and II. You have to

consider the statement to be true even if it seems to be at variance from commonly known facts. You have to

decide which of the given conclusions, if any, follows from the given statements.

Statements:

Some A are B.

No B is C.

Conclusions:

I) Some B are C.

II) All A being C is a possibility.

A. Both conclusion I and II follow.

B. Neither conclusion I nor II follow.

C. Only conclusion I follows.

D. Only conclusion II follows.

Answer: B

Q15. Direction: The question below consists of a question and two statements numbered I and II given, You

have to decide whether the data provided in which of the statements are sufficient to answer the question.

Choose your answer from the options based on this.

How is C related to D?

I. A is the only son of C who is the father of E.

II. E is the sister of A and mother of D.

A. The data in statement I alone is sufficient to answer the question while the data in statement II alone is not

sufficient to answer the question.

B. The data in statement II alone is sufficient to answer the question while the data in statement I alone is not

sufficient to answer the question.

C. The data in both statements I and II together is necessary to answer the question.

D. The data either in statement I alone or in statement II alone is sufficient to answer the question.

Answer: C

Infosys Mathematical Ability Questions and Answers

Q1. 20 years before, the age of Rony's father was 12 times of Rony's age. At present, his age is 2 times of

Rony's age. Find the present age of Rony.

A. 20 years

- B. 24 years
- C. 26 years
- D. 22 years

Answer: D

Q2. Select the pair that is related on the same basis to the pair given in the question.

- FIZU : HABI :: ?
- A. MEVO : OOXA
- B. CATI : EYRU
- C. HEPO : FORI

```
D. LICA : NAEO
Answer: D
Q3. Which two signs should be interchanged to make the below equation mathematically
correct?
4 + 8 \div 16 \times 13 - 7 = 8
A. - and +
B. x and ÷
C. + and x
D. ÷ and -
Answer: C
Q4. If signs '+' and '-' and numbers 7 and 6 are used interchangeably, then which of the
following equation
would be correct?
A. 7 \times 2 + 6 - 5 = 8
B. 5 + 7 \times 2 - 6 = 0
C. 7 - 6 + 3 \times 5 = 30
D. 6 x 7 + 5 -8 =20
Answer: B
Q5. If '+' means 'x', '+' means '+', '-' means '+' and 'x' means '-'. Which of the following will
be the value of the
expression 32 \div 8 - 4 \times 12 + 4 = ?
A. 12
B. 1/12
C. 40
D. -14
Answer: D
Q6. If '+' means '-', '-' means '+', + " means 'x', and 'x' means '+'. Which of the following will
be the value of
the expression?
245 - 35 ÷ 3 + 14 x 36
A. 58
B. 45
C. 37
D. 43
Answer: D
Q7. In a class, Ram's rank from top is 12 and Ramesh's rank from bottom is 27. If they
interchange their
```

positions, Ram's rank becomes 18th from the top. How many students are there in the class?

A. 42

B. 43

C. 45

D. 44

Answer: D

Q8. Consider the number 57645361, if the digit at unit place is decreased by 1, the digit at tens 'place is

increased by 2, the digit at hundreds' place is decreased by 1, the digit at thousands' place is increased by 2

and so on, then after rearranging how many number appears twice?

A. 2

B. 3

C. 4

D. 1

Answer: A

Q9. In a certain code language, 'FAN' is written as "21", then how will "COME" be written in that code

language?

A. 35

B. 34

C. 36

D. 37

Answer: C

Q10. If 'A' means 'subtraction', 'B' means 'division', 'C' means 'multiplication', and 'D' means 'addition', then

what will be the value of the following expression?

18 A 15 B 75 C 90 D 23

A. 18

B. 15

C. 23

D. 33

Answer: C

Infosys Verbal Ability Questions and Answers

Q1. Fill in the blank with the most appropriate choice Those unfamiliar with the saga are bound to be

mystified by the more _____plot twists.

A. arcane

B. aesthetic

C. arbitrary

D. anoint

Answer: A

Q2. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes

the sentence meaningfully. Select the option 'no' correction 'required' if the sentence is correct as given.

The government appears (to be at war with it's own people.)

A. No correction required.

- B. to be at war against it's own people.
- C. to be at war with its own people.
- D. to be on war with it's own people.

Answer: C

Q3. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If

the sentence has no error, select the option 'No Error'. This vacuum not only holds products in place, it also

compacts the package size, reducing the amount of space they take up in cartons.

A. the amount of space they take up in cartons.

- B. also compacts the package size, reducing
- C. This vacuum not only holds products in place, it.
- D. No Error

Answer: C

Q4. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes

the sentence meaningfully. Select the option 'no' correction 'required' if the sentence is correct as given. (This

bridge neither crossed the Thames, and neither gave) access to a now lost island in the river.

- A. This bridge either crossed the Thames, and nor gave
- B. This bridge neither crossed the Thames, and nor gives
- C. No correction required
- D. This bridge either crossed the Thames, or gave

Answer: D

Q5. In the question one statement is given, followed by two course of actions, I and II. You have to consider

the statement to be true even if it seems to be at variance from commonly known facts. You have to decide

which of the given course of actions, if any, follows from the given statement. Statement: Students at times

are not able to pass home exams marginally. Course of action: I. Borderline cases should be allowed to take a

re-test. II. Minimum Passing marks for home exams should be revised and brought down to a lower level.

A. Neither I nor II follow.

B. Either I or II follows.

- C. Only II follows.
- D. Only I follows.

Answer: D

Q6. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes

the sentence meaningfully. Select the option 'no' correction 'required' if the sentence is correct as given. (The

transit of the Planet of Love happen in pairs), eight years apart every century.

A. The transits of the Planet of Love happens at pairs

B. The transit of the Planet of Love happen in pairs

C. The tranists of the Planet of Love happen in pairs

D. No correction required

Answer: A

Q7. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If

the sentence has no error, select the option 'No Error'. Hong Kong has been endowed with one of the finest

natural harbour in the world.

A. No Error

- B. harbour in the world.
- C. with one of the finest natural
- D. Hong Kong has been endowed

Answer: B

Q8. Fill in the blank with the most appropriate choice.

Foetal ______screening uses ultrasound scanning to find certain abnormalities in the baby.

A. enfevering

B. anomaly

C. abeyance

D. snuggle

Answer: B

Q9. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If

the sentence has no error, select the option 'No Error'.

An independent enquiry headed by Anthony White QC in 2011 further examined the claims but also

exonerated Coucher.

A. An independent enquiry headed by

B. No Error

C. Anthony White QC in 2011 further examined

D. the claims but also exonerated Coucher.

Answer: C

Q10. Fill in the blank with the most appropriate choice.

I often feel I am an _____, that I would be more at home at the turn of the century than today.

A. avarice

B. apathy

C. anachronism

D. analogous

Answer: C

Q11. In the question one statement is given, followed by two inferences, I and II. You have to consider the

statement to be true even if it seems to be at variance from commonly known facts. You have to decide which

of the given interferences, if any, follows from the given statement.

Statement:

No one could deny Wheatley's remarkable achievement in being the first African American of either gender to

publish a book in colonial America, a time and place where slaves' very humanity was questioned.

Inference:

I. Wheatly was the First African American lady to be educated.

- II. Wheatly was an African American slave.
- A. Only I follows.
- B. Only II follows.
- C. Either I or II follows.
- D. Neither I nor II follow.

Answer: D

Q12. Select the word segment that substitutes (replaces) the bracketed word segment correctly and

completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as

given.

- Jane was asked by her (aunt, "Where were you last night".)
- A. aunt that, "Where were you last night?"
- B. No correction required
- C. aunt, "Where had you been you last night."
- D. aunt, "Where were you last night?"

Answer: D

Q13. Fill in the blank with the most appropriate choice.

Obesity is also a progressive condition, unlike anorexia nervosa, which tends to ______with age.

- A. inebriate
- B. ameliorate
- C. negate
- D. struggle

Answer: B

Q14. The sentence below has been divided into three parts. Select the part of the sentence that has an error.

If the sentence has no error, select the option 'No Error'.

A cascade of events must occur for a neurotransmitter stimuli to lead to cellular response.

A. No Error

- B. lead to cellular response.
- C. for a neurotransmitter stimuli to
- D. A cascade of events must occur

Answer: C

Q15. In this question, a statement has been given, followed by two assumption numbered I and II. Analyse the

two assumptions together and determine which of them follows.

Statement:

The use of breath analysis to check if the drivers are drunk has been stopped by the traffic police to prevent

the spread of the Coronavirus to the traffic police.

Assumptions:

I. Corona virus can be passed on to traffic police only by drunken people.

II. The traffic police do not want to be infected with the Coronavirus.

A. Either assumption I or assumption II is implicit.

- B. Only assumption II is implicit.
- C. Neither assumption I nor assumption II is simplict.

D. Only assumption I is implicit.

Answer: B

A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to

each question out of the four alternatives

Although there is a great deal of variation within each gender, on the average, men and women discuss a

surprisingly different range of topics. According to some studies, women and men ranging in age from

seventeen to eighty described the range of topics each discussed with friends of the same sex. Certain topics

were common to both men and women; work, movies, and television proved to be frequent topics for both

groups. The differences between men and women were more striking than the similarities. Female friends

spent much more time discussing personal and domestic subjects, relationship problems, family, health and

reproductive matters, weight, food and clothing. Men, on the other hand, were more likely to discuss music,

current events, sports and business. Women were more likely to gossip about close friends and family. By

contrast, men spent more time gossiping about sports figures and media personalities.

These differences can

lead to frustration when men and women try to converse with one another.

Q16. According to the passage, which of the following option is incorrect? Choose one option.

A. Topics like work, movies and television are both common topics between men and women.

B. Women like to gossip while men do not.

C. Men are more inclined towards topics, like current affairs, sports and business.

D. Men and women discuss a surprisingly different range of topics.

Answer: B

Q17. According to the passage, after what age does the range of topics, that each gender finds interesting,

starts to differ?

A. 17

- B. 22
- C. 43
- D. 50

Answer: A

Q18. According to the passage which of the following is not a topic discussed by females often?

A. Matters related to health and family

- B. Personal and domestic subjects
- C. Topics which include food, clothing and weight.
- D. Current affairs

Answer: D

Q19. According to passage, why do men and women find it frustrating to converse?

- A. Because men and women inherently have nothing in common.
- B. Because women like to gossip while men like to discuss.
- C. Because both the genders are polar opposites of each other.

D. Because of dissimilar tastes in topics they like to have a conversation in.

Answer: D

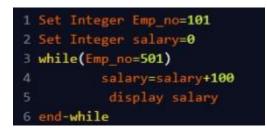
Q20. It was almost impossible for him to put out of his mind the _____words which he heard from his

clever father-in-law.

- A. inspiring
- B. witty
- C. sarcastic
- D. soothing
- E. exhortative
- Answer: B

Infosys Pseudocode Questions and Answers

Q1. What will happen when following pseudocode is executed?



A. Code executes successfully and value of salary is displayed once.

- B. Code executes successfully and nothing is displayed.
- C. Code executes successfully and value of salary is displayed infinite number of times.
- D. Compile time error.

Answer: C

Q2. What will happen when following program is executed?

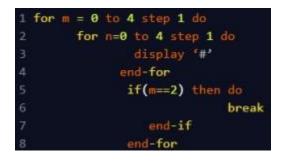


A. Code will run infinite number of times.

- B. The program will not enter the loop.
- C. Code will execute and value of res will be displayed twice.
- D. Code will execute and value of res will be displayed once.

Answer: A

Q3. How many times will '#' be displayed?



B. 1 C. 2 D. 8 Answer: A

Q4. What will be the output of the following pseudocode?



A. 0

B. 3

C. 1

D. 2

Answer: A

Q5. What will be the output of the following pseudocode?



- A. SevenTwoHello
- B. OneHello
- C. SevenTwo
- D. Seven
- Answer: A