

Directions (1-2): Read the information carefully and answer the following questions:

Aasif, Beena, Charu, Dilip, Elina, Firoz, Ganesh and Harish are sitting around a circular table facing the centre. Each one of them has a different profession viz. Designer, chartered accountant, astronaut, scientist, social worker, manager, businessman and politician.

The politician sits third to right of Ganesh. Charu is an immediate neighbour of Ganesh. Astronaut sits second to right of Charu. Beena sits third to right of Harish. Harish is neither a politician nor an astronaut. Only one person sits between Charu and the manager. Aasif and Firoz are immediate neighbours of each other. Neither Aasif nor Firoz is a politician. Designer sits second to right of Aasif. Two people sit between Dilip and the chartered accountant. Dilip is not a politician. Scientist is not an immediate neighbour of the politician. Social worker sits second to left of Aasif.

Q 1. Who sits second to left of Charu?

- a. The one who is a designer
- b. Chartered Accountant
- c. Firoz
- d. Elina
- e. Beena

Q 2: Which of the following statements is false?

- a. Ganesh is a scientist
- b. Elina sits second to right of the astronaut
- c. Firoz is a manager
- d. Dilip is not a social worker
- e. All the given statements are correct

Q 3: Which of the given combinations are correct?

- a. Dilip – social worker
- b. Harish – Designer
- c. Ganesh – Politician
- d. Aasif – Businessman
- e. Beena – Astronaut

Directions (4-5): In the questions given below, three statements are given followed by two conclusions. Check the statements and answer which of the given conclusions are logically correct.

Q 4: Statements: All papers are erasers

No eraser is a sharpener

All sharpeners are pen

Conclusion I: No pen is a paper

Conclusion II: All erasers being pens are a possibility

- a. Only conclusion I follows
- b. Only conclusion II follows
- c. Both conclusion I and II follows
- d. Neither conclusion I nor 2 follows
- e. Either conclusion I or II follows

Q 5. Statements: No silver is gold

Some gold is bronze

All bronze is aluminium

Conclusion I: No aluminium is gold

Conclusion II: Atleast some aluminium is gold

- a. Only conclusion I follows
- b. Only conclusion II follows
- c. Both conclusion I and II follows
- d. Neither I nor II follows
- e. Either I or II follows

Directions (6-7): Read the given information carefully and answer the questions accordingly.

In a certain code language 'colours of the earth' is written as 'ki la fa so'

'Rainbow colours' is written as 'ro ki'

'Earth has space' is written as 'la pe jo'

'The space world' is written as 'pe so ne'

Q 6. What is the code for 'space'?

- a. la
- b. pe
- c. so
- d. ne
- e. ki

Q 7. What does 'la jo di' mean?

- a. has earth water
- b. earth has rainbow
- c. colour has earth
- d. None of the above
- e. Cannot be determined

Q 8. Four fruits X, Y, Z and Q are kept in four different coloured baskets, red, green, yellow and blue placed in a sequence. Z is kept in yellow basket. The green basket is adjacent to the blue basket. X is not placed adjacent to Z. The yellow basket is in between the green and red basket. What is the colour of the basket in which fruit X is kept?

- a. Red
- b. Blue
- c. Green
- d. Yellow
- e. Cannot be determined

Q 9. In a certain code language 'DREAMS' is written as 'CSDBLT'. What will be the code for 'CENSUS' ?

- a. BFMTTT
- b. BFMTST
- c. BTCAMS
- d. BFTSMA
- e. None of the above

Q 10. The question given below contains statements numbered (1-6) followed by five options in combinations of three. You have to choose that set in which the third statement logically follows from the first two.

1. All mammals are viviparous.
2. No bird is viviparous.
3. Bats are viviparous.
4. No bat is a bird.
5. No bird is a mammal.
6. All bats are mammals.

- a. 215
- b. 143
- c. 621
- d. 163
- e. 245

Directions (11-13)

Each pair of CAPITALIZED words given below is followed by four options in pair. Choose the pair which does not express the relationship identical to that exhibited in the capitalized pair.

Q.11. CLIPS : PAPER

1. bag : vegetables
2. thread : beads
3. ribbon : hair
4. cement : bricks

- a. Only 1
- b. Only 2
- c. Both 1 and 3
- d. Both 3 and 4
- e. Only 4

Q.12. RENT : LEASE

1. salary : employ
2. interest : borrow
3. tax : govern
4. price : buy

- a. Only 1
- b. Only 2
- c. Both 1 and 2
- d. Only 3
- e. Only 4

Q.13. PROGRESS : PROGRESSIVE

1. terror : terrorist
2. reform : reformist
3. revolution : revolutionary
4. sympathy : sympathizer

- a. Only 1

- b. Only 2
- c. Only 3
- d. Only 4
- e. None of the above

Directions (14-15)

Questions given below contain five statements followed by six sets of combinations of three. Choose the most logically related set of statements.

Q.14.

- 1. All men are men of scientific ability.
 - 2. Some men and women are of scientific ability.
 - 3. Some women are women of scientific ability.
 - 4. Some men are men of artistic genius.
 - 5. Some women of artistic genius are women of scientific ability.
 - 6. All men of artistic genius are men of scientific ability.
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- a. 146
 - b. 356
 - c. 126
 - d. 125
 - e. 235

Q.15.

- 1. Some beliefs are uncertain.
 - 2. Nothing uncertain is worth dying for.
 - 3. Some beliefs are worth dying for.
 - 4. All beliefs are uncertain.
 - 5. Some beliefs are certain.
 - 6. No belief is worth dying for.
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- a. 321
 - b. 246
 - c. 235
 - d. 456
 - e. 134

Directions (16-17)

The five statements given in each question below express the same idea. Choose the alternative that is most concise and clear.

Q.16.

- 1. My apologies, a former engagement prevents me from joining you for dinner on Monday.
- 2. Sorry, I regret to say that a previous commitment will prevent me from joining you for dinner on Monday.
- 3. I am sorry to say that I am unable to join you at dinner on Monday because of a prior engagement.
- 4. I regret to inform you that because of a previous commitment I will be hindered from joining you for dinner on Monday.
- 5. I am very sorry, a former commitment will prevent me to join you for the dinner on Monday.

- a. Only 1
- b. Only 3
- c. Both 2 and 3
- d. Only 2
- e. Both 4 and 5

Q.17.

1. The stupid are likely to have a restricted conceptual grasp.
2. The stupid are not likely to grasp concepts easily.
3. It is doubtful that the stupid would have adequate conceptual grasp.
4. There is little chance that the stupid can grasp concepts easily.
5. It is unlikely for stupid to easily grasp concepts

- a. Only 2
- b. Only 4
- c. Only 1
- d. Only 3
- e. Only 5

Directions (18-19)

Given below are three statements with two conclusions numbered 1 and 2. Read the statements and determine the conclusion that logically follows the given statements.

Q.18.

Statements:

All Tree is Plants

Some Tree is Shrub

No Shrub is Herb

Conclusions:

1. No Plant is Herb
2. Some Tree is not Herb

- a. Only 1 follows
- b. Only 2 follows
- c. Either 1 or 2 follows
- d. Neither 1 or 2 follows
- e. Both 1 and 2 follows

Q.19. **Statements:**

$S1 \geq T2$; $R3 < T2$; $K4 \leq R3$; $K4 = M5$

Conclusions:

1. $S1 > M5$
 2. $T2 \geq M5$
- a. Only 1
 - b. Only 2
 - c. Both 1 and 2
 - d. Either 1 or 2

- e. Neither 1 or 2

Directions (20-21): Read the information and answer the questions given below.

There are eight people in the family. Riya is the daughter of Priyank who is the Husband of Kamini. Veena is the daughter of Tarak. Tarak is the brother-in-law of Sachin who is the only son of kamini. Kamini has only two children. Wazir is the Son of Udisha. Udisha has no siblings. There are three generations and three married couples in the family.

Q.20. If Wazir is married to Yasmin, then how is Sachin related to Yasmin?

- a. Mother-in-Law
- b. Daughter-in-Law
- c. Sister-in-Law
- d. Father-in-Law
- e. Niece

Q.21. Number of members who are male in the family?

- a. Four
- b. Three
- c. Two
- d. One
- e. None of these

Q. 22. How many meaningful words can be formed by using 5th, 6th, 8th and 9th letters only once of the word INSURANCE. If more than one word can be formed the answer will be X, if no word can be formed the answer will be Y and if only one word can be formed then what will be the second letter from the left?

- a. C
- b. R
- c. X
- d. Y
- e. E

Q.23. If in the given number 8796583217436217, if position of first and second number are interchanged, similarly the positions of third and fourth numbers are interchanged and so on till the end, then which of the following number will be fourth to the left of the number which is sixth from the right end of the row?

- a. 3
- b. 7
- c. 6
- d. 2
- e. 4

Directions (24-25): Read the information given carefully and answer the given questions.

A, B, C, D, E, F and G are seven brothers and are sitting in a circle facing the center of the circle. G is second to the left of D and is the neighbour of E and F. D is not a neighbour of C or E. A is neighbour of B and C.

Q.24. Which of the following statements is correct?

- a. D is between F and G.
- b. B is between A and D

- c. E is to the immediate right of G.
- d. F is to the immediate left of G.
- e. None is correct.

Q.25. Which of the following will be D's position after E and D interchange their places?

- a. To the immediate left of C.
- b. To the immediate right of F.
- c. Neighbour of G and C.
- d. Neighbour of C and A
- e. None of the above

Directions (26-28): Read the information given below carefully and answer the following questions:

Seven persons namely Pankhuri, Qasim, Raj, Shruti, Tripti, Urvashi and Vinay like seven different colours namely aqua, red, blue, orange, yellow, green and pink. Each of them works in either of the three companies: Samsung, Wipro and ITC with at least two of them in a company.

Raj works in Wipro with the one who likes blue. Urvashi does not work with Raj. Pankhuri works in ITC with only the one who likes yellow. Urvashi does not like aqua. Tripti does not like pink. Tripti works in Samsung with the one who likes aqua. The one who like pink works with the one who likes red but not with Raj. Shruti works with the one who likes green. Shruti does not like blue. Qasim does not like aqua.

Q26. Who are the employees who work in Wipro?

- a. Pankhuri, Urvashi, Raj
- b. Qasim, Vinay
- c. Pankhuri, Qasim
- d. Raj, Tripti, Vinay
- e. Raj, Qasim

Q27. Who all work in the same company as Shruti?

- a. Only Pankhuri
- b. Pankhuri, Vinay
- c. Raj, Pankhuri,
- d. Only Raj
- e. None of the above

Q28. Which among the given combinations is *incorrect*?

- a. Raj- Wipro- Orange
- b. Pankhuri- ITC- Green
- c. Vinay- ITC- Aqua
- d. Vinay- Samsung- Aqua
- e. Qasim- Wipro- Blue

Directions (29-30): Study the information carefully and answer the given questions:

D Q W 1 D & E 9 M F ^ B A I 0 + Z U O C # 3 G & 4 H @ X ? T

Q29: What is the sixth element to the left of the eleventh element from right?

- a. I
- b. #
- c. +

- d. M
- e. G

Q30: How many vowels in the given arrangement are immediately preceded by a consonant and followed by a number?

- a. 2
- b. 1
- c. 3
- d. None
- e. 4

Directions (31-32): Read the given information carefully and answer the following questions:

In a certain code language ' h b i' means 'thou how art'

'i e h' means 'art good thou'

'a e h g c' means 'thy good bad and thou'

Q 31: What will be the code for 'h e b' ?

- a. Thou good how
- b. Bad good thou
- c. Thy how bad
- d. Art thou and
- e. None of the above

Q32: What will be the code for 'bad'?

- a. c
- b. Either a or c
- c. g
- d. Cannot be determined
- e. None of the above

Directions (33-34): In each question given below, three statements are given followed by two conclusions I and II. Whichever conclusion follows, based on the given statements, mark that as your answer.

Q33: Statements: Some pens are pencils.

All pencils are marker.

No marker is eraser.

Conclusion I: All pencils being pens is a possibility

Conclusion II: No eraser is pen

- a. Only conclusion I follows
- b. Only conclusion II follows
- c. Both conclusion I and II follows
- d. Neither I nor II follows
- e. Either I or II follows

Q34. Statements: All flats are huts

No hut is a villa

All villas are cottages

Conclusion I: No cottage is a flat

Conclusion II: Some cottages are flat

- a. Only conclusion I follows
- b. Only conclusion II follows
- c. Neither I nor II follows
- d. Either I or II follows
- e. Both I and II follows

Directions (35-36)

Each of the following questions has a pair of CAPITALIZED words followed by four options in pairs. Choose the pair of words which best states the relationship similar to that stated in the capitalized pair.

Q35. FLEET : NAVY

1. seats : auditorium
 2. chapter : book
 3. drop : ocean
 4. letter : word
- a. Only 1
 - b. Only 2
 - c. Only 3
 - d. Only 4
 - e. None of the above

Q36. FORESIGHT : FARSIGHTEDNESS

1. further : farther
 2. long : lengthy
 3. thinker : visionary
 4. short : dwarf
- a. Only 1
 - b. Only 2
 - c. Only 3
 - d. Only 2 and 4
 - e. Both 1 and 3

Q37. Question given below contains six statements followed by five sets of combinations of three. Choose the most logically related set of statements.

1. Some young people are happy.
 2. No young people are happy,
 3. All young people are happy.
 4. No young people achieve great ends
 5. All young people achieve great ends
 6. All those who achieve great ends are happy
- a. 235
 - b. 145
 - c. 256

- d. 356
- e. 245

Q38. In a certain code language, 'CIRCUS' is coded as 'BJQDTT', what will be the code for 'PUBLIC'?

- a. OTAKHB
- b. QVCMJD
- c. OTAKGB
- d. OTAKHB
- e. QCVMDJ

Directions (39-40): Read the given information carefully and answer the following questions:

Pankaj, Qasif, Rajat, Supriya, Tina, Uttkarsh, Vartika, Waseem and Zoya are sitting around a circle facing at the centre. Rajat is third to the right of Zoya who is second to the right of Pankaj. Supriya is not an immediate neighbour of Zoya and Rajat. Tina is third to the left of Supriya. Qasif is third to the right of Waseem who is not an immediate neighbour of Supriya.

Q39. How many people are sitting between Waseem and Supriya (counted clockwise)?

- a. 2
- b. 3
- c. 0
- d. 1
- e. 4

Q40. Who is sitting right to left of Vartika?

- a. Tina
- b. Rajat
- c. Pankaj
- d. Waseem
- e. Zoya