

Directions (1 – 3)

Read the passage below and answer the questions that follow:

Anshu gave Bobby and Chandana as many pens as each one of them already had. Then Chandana gave Anshu and Bobby as many pens as each already had. Now each had an equal number of pens. The total number of pens is 72.

1. How many pens did Bobby have initially?
(a) 24 (b) 18 (c) 12 **(d) 6**
2. How many pens did Chandana have initially?
(a) 24 (b) 18 (c) 12 (d) 6
3. How many pens did Anshu have initially?
(a) 30 (b) 36 **(c) 42** (d) 48

Directions (4 – 8)

There are eight persons namely S, T, U, V, W, X, Y & Z lives on eight different floors from one to eight. Ground floor is numbered 1 and top floor is numbered 8 but not necessarily in the same order. X lives on odd number floor but does not live on 3rd floor. Z lives immediately below X. More than 2 person lives between Z & Y. There are six person lives between S & Y. V lives immediately above W but live below T. U does not live above X. W does not live immediately above Y.

4. Who lives on floor number 5?
a. U b. S c. Z **d. T** e. NOTA
5. How many persons live between W & X?
a. 1 **b. 3** c. 5 d. 2 e. NOTA
6. Who lives immediately above V?
a. Z **b. T** c. Y d. W e. NOTA
7. Four of the following 5 are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does not belong to that group?
a. Y **b. V** c. T d. X e. W
8. Who lives on second floor?
a. X b. S **c. U** d. Z e. NOTA

Directions (9 – 13)

Vinay, Shailesh, Rita and Alka are four students of different classroom coaching centers of BSC, a leading classroom coaching for PO. Each belongs to the different state AP, MP, Bihar and Orissa but not in order. When BSC arranged an all-India Mock test series for all the class room coaching center students of BSC in 4 cities Delhi, Kolkata, Mumbai & Chennai. Vinay, Sailesh, Rita & Alka appeared for test series in different cities. When the results are declared they got 1st to 4th positions in all-India Ranking. They are the students of different centers of BSC ie.. Lucknow, Rourkela, Patna and Delhi but not in order

Vinay and Shailesh neither studied at Lucknow nor Rourkela. They appeared for test neither at Kolkata nor at Mumbai. They belong neither to Orissa nor to MP

The one who studied at Patna does not belong to Bihar. The one who belongs to MP is not Alka. The one who studied at Rourkela didn't appear for test at Kolkata center.

The one to studied at Delhi classroom coaching center got 4th position in all India ranking. But he is not Shailesh. The one who appeared at Chennai for the test got 1st position .The one who belongs to MP got 3rd position. While the one who studied at Lucknow got 2nd position in all-India Ranking.

9. The one who got the 1st position in all-India ranking associated with which classroom coaching centre?
 (a) Can't say (b) Delhi (c) Lucknow (d) **Patna**
10. Alka belongs to
 (a) Bihar (b) AP (c) MP (d) **Orissa**
11. Vinay appeared for the test at center
 (a) **Delhi** (b) Chennai (c) Mumbai (d) Kolkata
12. Who got the 2nd position in ranking?
 (a) Vinay (b) Shailesh (c) **Alka** (d) Rita
13. Which of the following shows the correct combination
 (a) Vinay-Delhi-4 (b) Shailesh-Patna-Delhi-1
 (c) Alka – lucknow-Mumbai-2 (d) **None of these**

Directions (14 – 16)

There are six persons A,B,C,D,E and F in a family; they are Psychologist, Manager, Lawyer, Jeweller, Doctor and Engineer. The doctor is the grandfather of F, who is a psychologist. There are two married couples in the family. The manager D is married to A. C, the jeweller is married to the lawyer.

14. What is the profession of E?
 a. Jeweller b. Manager c. Engineer d. **CBD**
15. How is A related to E? **CBD**
16. What is the profession of A? **Doctor**
17. Find the day of 10 November, 1980 **Monday**

Directions (18 – 20)

In the following questions, the first and the last parts of the sentence are numbered 1 and 6. The remaining parts, labelled P,Q, R and S are not in their proper order. Select from answer choices provided. Under each question, the combinations to make a meaningful and correct sentence:

18. (1) Thus, the recent development of jewellery mass-production centres
 P. Delhi, assumed increased importance as our
 Q. like SEEPZ in Mumbai and Thandewala complex in
 R. manufacture and market this jewellery at
 S. country has the necessary expertise to
 (6) more competitive prices than our Western rivals.
 (a) RQSP (b) **QPSR** (c) RPQS (d) SQPR
19. (1) The Government of India has actively
 P. jewellery – manufacturing units in the
 Q. zones, the duty free import of gold and
 R. country engaged in export – processing
 S. encouraged this trust, allowing small
 (6) any other precious material for export production.
 (a) PSRQ (b) SRPQ (c) **SPRQ** (d) RQSP
20. (1) When the writer of this article made
 P. registered and action was
 Q. special efforts to find out whether
 R. informed that a case had been
 S. any action had been taken, he was

(6) being taken by the police.

(a) RSPQ (b) PQRS (c) QSRP (d) QPRS

21. A and B write a test A says " I got a third of the question wrong" b says " I got 5 wrong" together they got three quarters of the questions correct. How many did A get correct? **20**
22. There is a 1 km long wire placed on some number of poles which are in equal distance. If the number of poles is reduced by 1 then the distance of wire between each poles increases $1\frac{2}{3}$. How many poles are there initially. **26**
23. A and B have the same number of marbles when they start playing. After some time A gains 20 marbles and later he loses $\frac{2}{3}$ of what he had. Now B has 4 times as many marbles as A has. What are the initial number of marbles that each of them had? **100**
24. There are five friends Sai, Sashi, Sundar, Seshav and Suhas. Sai is shorter than Sashi; but taller than Suhas. Sundar is the tallest. Seshav is little shorter than Sashi and a little taller than Sai. Who is the shortest.
Suhas

Directions (25 – 27)

Each of the following sentences are divided into parts, which are marked A,B,C and D. One of these parts may contain an error or may not be acceptable in standard written communication. Mark that part as your answer.

25. More leisure(A), as well as abundance(B) /of Consumer goods are attainable(C)/through(D)/automation. No errors(E)
26. No sooner (A) / had he began (B) / to speak when (C) / the opposition members started shouting (D)/ slogans. No error (E)
27. Every(A)/man, woman and child are now(B)/aware of the (C)/terrible consequences of the (D)/habit of smoking. No errors(E)
28. If today is Friday, then what day is 1 year (not a leap year) and 56 days from now?

Saturday

Directions (29 - 32)

A wooden cube is cut into 64 cubes. The whole solid is then painted in such a manner that all pairs of opposite faces in the solid cube are painted with the same colour : red, green and black.

29. How many small cubes are there where one face is green and the other one is either black or red? **16**
30. How many small cubes are there whose no faces are coloured? **8**
31. How many small cubes are there whose 3 faces are coloured? **8**
32. How many small cubes are there whose only one face is coloured? **24**

Directions (33- 35)

M is the only son of Q. Q is married to C. C is the mother of Y & S. C is the daughter of W & R. B is the grandmother of Y. C is the grandmother of F. None of the daughters of Q is married.

33. How is B related to C?
- a. Mother in law b. Daughter c. Daughter in law
d. Aunt e. Sister in law
34. How is S related to F?

- a. Uncle b. Brother in law **c. Aunt** d. Grandmother e. Sister

35. Which of the following statements is definitely true with respect to the given information?

- I. Y does not have any brother.
 II. W is the wife of R
 III. M is the grandson of R

- a. None of the given statements is true b. Both I & II c. Only II
d. Only III e. Both I & II

Directions(36 - 38):

A+B means A is daughter of B

A-B means A is husband of B

A×B means A is brother of B

36. If P+Q-R which of the following is true

- a) R is the mother of P** b) R is sister-in-law of P
 c) R is the aunt of P d) R is mother-in-law of P

37. If P×Q+R, which of the following is true?

- a) P is the brother of R b) P is the uncle of R
c) P is the son of R d) P is the father of R

38. If P+Q×R which of the following is true?

- a) P is the niece of R b) P is the daughter of R
c) P is the cousin of R d) P is the daughter-in-law of R

Directions (39 - 43)

Amudha and her four sisters, who are studying in secondary school have always been encouraged by their parents to pursue their own interests, with the result that the girls all play different musical instruments (one plays the harmonium), study different languages (one is learning Tamil) and collect different things (one collects stamps). From the following clues, determine each one's interests and answer the questions following it.

- A) The sister who is learning Hindi collects old buttons
 B) The girl who plays the flute is studying Gujarati.
 C) Amala collects coins.
 D) Apurva, who plays the violin, is not learning Telugu.
 E) Last Saturday, Anitha and the sister who collects rocks went shopping together, the one who plays the piano stayed home to practise, the one who studies Telugu tutored a fellow student and the one who plays the guitar rehearsed with an instrumental group.
 F) The sister, who collects butterflies, plays the piano.
 G) Akalya is studying English.

39. Who among the following is learning Hindi?

- a) Akalya **b) Amudha** c) Apurva d) Anitha e) Amala

40. Which of the following combinations of collection and language learnt is TRUE Amala?

- a) Hindi - rocks b) Tamil - stamps c) English-butterflies **d) Telugu - coin**
 e) Tamil - rocks

41. Who among the following plays flute?

- a) Amala b) Amudha **c) Anitha** d) Apurva e) Akalya

42. Who among the following has the guitar-Tamil combination?

- a) Amudha b) Anitha c) Apurva d) Amala **e) None of these**

43. The girl who plays piano and studies English has the hobby of
 a) Collecting coins b) Collecting rocks c) Collecting stamps d) Collecting buttons
e) Collecting butterflies

Directions (44 - 48)

Seven boxes viz. S, T, U, V, W, X and Y are stacked above one another. Only four boxes are kept between T and W. Only two boxes are kept between W and Y. Only one box is kept between U and V. U is kept at one of the positions above V. U is not the topmost box. U is not kept immediately above Y. Number of boxes between T and V is same as that between W and S.

44. Which of the following is/are true with respect to the given arrangement?
 I. X is kept below S.
 II. Y is kept immediately below X and V.
 III. W is kept at the topmost position.
 a. Only I b. Only II c. Both I and II d. Only III **e. Both I and III**
45. Which of the following boxes is kept at the topmost position?
 a. Y b. S **c. W** d. T e. X
46. Which of the following boxes are kept below T?
 a. Only S b. Both U and V **c. Only V** d. None as T is kept at the lowermost position.
 Both V and Y
47. How many boxes are kept between U and Y?
a. None b. One c. Three d. Two e. CBD
48. What is the position of box X in the given stack of boxes?
 a. Second from the top b. Immediately below T **c. Third from the top**
 d. Immediately above S e. Third from the bottom

Encode the following:

49. PIZZA – RNDVG -----> BURGER - ?
 50. APTITUDE – CSHFH XO -----> REASONING - ?

Directions (51 – 54):

A group of friends are sitting in an arrangement – one each at the corners of an octagon. All are facing the centre. Muthu is sitting diagonally opposite to Rekha, who is on Sudha's right. Ramanna is next to Sudha and opposite to Gopal, who is on Chandru's left. Sulochana is not Muthu's right but opposite opposite to Shekhar.

51. Who is opposite Chander? **Sudha**
 52. Who is on Shekhar's right **Ramanna**
 53. Who is between Sulochana and Sudha? **Rekha**
 54. If Ramanna and Gopal exchange places, who will be on Ramanna's left? **Sulochana**

Directions (55 - 59):

One hundred and twenty-five cubes of the same size are arranged in the form of a cube on a table. Then a column of five cubes is removed from each of the four corners. All the exposed faces of the rest of the solid (except the face touching the table) are coloured red. Now, answer these questions based on the above statement:

55. How many small cubes are there in the solid after the removal of the columns? **105**
 56. How many cubes do not have any coloured face? **35**
 57. How many cubes have only one red face each? **25**
 58. How many cubes have two coloured faces each? **36**

59. How many cubes have more than 3 coloured faces each? 8

Directions (60-63): Study the following information carefully and answer the questions given below.

P,Q,R,S,T,U, V and J are sitting around a circle facing the centre. S is not an immediate neighbour of V. S is second to the right of T, who is second to the right of Q. R is third to the right of J and second to the left of P.

60. Who is on the immediate right of Q?
a) S **b) R** c) V d) Data inadequate e) None of these.
61. What is J's position with respect to P?
a) Third to the right b) Second to the left c) Second to the right
d) Data inadequate e) None of these.
62. How many of them are there between Q and S?
a) 2 only **b) 3 only** c) 4 only d) 2 or 3 only e) None of these.
63. Who among the following is sitting between V and R?
a) Q b) J c) T d) S e) None of these.

Directions (64 - 68)

Six candidates P, Q, R, S,T and U of different parties A, B, C, D, E and F have been declared winner from six different places. All have won elections on different symbols like watch, battle, pen, knife, tractor and telephone. Tractor was not the election symbol of party D. U, who belongs to party C, has won either with election symbol pen or watch. Knife is the election symbol of party E. Q does not belong to party E or D. Telephone is not the election symbol of party F. T and S, who won their elections on the symbols bottle and pen though not respectively, belong to party B and party A though not respectively.

64. What was the election symbol of U?
a) Watch b) Pen c) CBD d) Knife e) NOTA .
65. Q belongs to which party?
a) O b) E **c) F** d) CBD e) NOTA.
66. Who has won on the election symbol knife?
a) P b) R c) R or Q d) CBD **e) NOTA.**
67. Telephone was the election symbol of which party?
a) F b)E c) D **d) CBD** e) NOTA
68. Which of the following may be true?
a) U has contested with symbol Pen. b) Q belongs to party D.
c) Bottle is not election symbol of P. d) Knife is the election symbol of R.
e) None of these.

69. If 'ish lto inm' stands for 'neat and tidy' ; 'qpr inm sen' stands for 'small but neat' and 'hsm sen rso' stands for 'good but erratic', what would 'but' stand for ? **Sen**

70. In a certain code language,
(A) 'pit dar na' means 'you are good'
(B) 'dar tok pa' means 'good and bad'
(C) 'tim na tok' means 'they are bad'
In that language, which word stands for 'they' ?

Tim

SPACE FOR ROUGH WORK

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