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I N D I A

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M.C.A. ENTRANCE

TEST CODE: PUZZLE TEST - I

Total Questions: 100

Max. Time: 120 Min.

DIRECTIONS:

Read the following information carefully and answer the question given below.

In a car exhibition, seven cars of seven different companies viz. Hyundai, Ambassador, Fiat, Maruti, Mercedes, Ford and Fargo were displayed in a row, facing east, such that;

- (1) Hyundai car was to the immediate right of Fargo
- (2) Fargo was fourth to the right of Fiat.
- (3) Maruti Car was between Ambassador and Ford.
- (4) Fiat, which was third to the left of Ambassador Car, was at one of the ends.

1. Which of the following was the correct position of the Mercedes?

- (a) Immediate right of Hyundai
- (b) Immediate left of Ford
- (c) Between Ford and Fargo
- (d) Fourth to the right of Maruti
- (e) N. O. T.

2. Which of the following is definitely true?

- (a) Fargo Car is between Ambassador and Fiat.
- (b) Hyundai car is to the immediate left of Mercedes.
- (c) Fargo is to the immediate right of Hyundai
- (d) Maruti is fourth to the right of Mercedes
- (e) N. O. T.

3. Which cars are on the immediate either sides of the Hyundai car?

- (a) Ambassador and Maruti
- (b) Maruti and Fiat
- (c) Fiat and Mercedes
- (d) Ambassador and Fargo
- (e) None of these

4. Which of the following is definitely true?

- (a) Maruti is to the immediate left of Ambassador
- (b) Ford is to the immediate left of Fiat
- (c) Ford is at one of the ends
- (d) Fiat is second to the right of Maruti
- (e) None of these

5. Which of the following groups of cars is to the right of the Ambassador car?

- (a) Hyundai, Fargo and Maruti
- (b) Maruti, Ford and Fiat
- (c) Mercedes, Hyundai and Fargo
- (d) Ford, Hyundai and Fargo
- (e) None of these

DIRECTIONS:

Four Girls (P, Q, R and S) and three boys (X, Y and Z) are standing in a row facing north such that

- (1) 'S' is between 'Y' and 'Z'
- (2) 'R' is not between 'Q' and 'X'
- (3) 'Y' that occupies one of the ends is at 3 places to the right of 'P'
- (4) 'X' or 'R' is not at any of the ends

6. Who occupies the left end?

- (a) Z
- (b) X
- (c) Q
- (d) Y
- (e) N. O. T.

7. Who is to the right of Q?

- (a) R
- (b) S
- (c) Z
- (d) P
- (e) X

8. What are the positions of 'R' and 'S' from the left end?

- (a) 3rd and 6th
- (b) 6th and 3rd
- (c) 2nd and 5th

(d) 5th and 2nd(e) 3rd and 5th

9. How many girls are between 'X' and 'Z'?

- (a) 4 (b) 2 (c) none (d) 1 (e) 3

10. Which are the two girls standing side by side?

- (a) Q and R (b) R and P (c) Q and P
(d) S and P (e) N. O. T.

DIRECTIONS:

- (1) Six persons A, B, C, D, E and F are sitting in two rows, three in each.
(2) E is not at the end of any row
(3) D is second to the left of F.
(4) C, the neighbor of E, is sitting diagonally opposite to D
(5) B is the neighbor of F.

11. Which of the following are sitting diagonally opposite to each other?

- (a) F and C (b) D and A (c) A and C
(d) A and F (e) A and B

12. Who is facing B?

- (a) A (b) C (c) D
(d) E (e) F

13. Which of the following are in the same row?

- (a) A and E (b) E and D
(c) C and B (d) A and B

14. Which of the following are in one of the two rows?

- (a) FBC (b) CEB
(c) DBF (d) AEF (e) ABF

DIRECTIONS:

- (1) Six friends A, B, C, D, E and F are seated in a circle facing each other.
(2) B is between F and D
(3) A is to the immediate left of C.
(4) E is between D and A.

15. Who is between C and B?

- (a) D (b) F (c) A
(d) Cannot be determined (e) N. O. T.

16. Who is to the immediate left of A?

- (a) E (b) C (c) F
(d) Cannot be determined (e) N. O. T.

17. Who is third to the right of E?

- (a) E (b) B (c) F
(d) Cannot be determined (e) N. O. T.

18. Which of the statements is not needed to arrive at the seating position of all the six friends?

- (a) only (1) (b) only (2)
(c) Either (3) or (4) only (d) only (4)
(e) All are required

DIRECTIONS:

- (1) There is a group of six person A, B, C, D, E and F from a family. They are psychologist, Manager, Lawyer, Jeweler, Doctor and Engineer
(2) The doctor is the grandfather of F who is a psychologist
(3) The Manager D is married to A
(4) C, the Jeweler is married to the lawyer
(5) There are two married couples in the family.
(6) B is the mother of F and E.

19. What is the profession of E?

- (a) Doctor (b) Jeweler
(c) Manager (d) Psychologist
(e) N. O. T.

20. How is A related to E?

- (a) Brother (b) Uncle (c) Father
(d) Grandfather (e) N. O. T.

21. How many male members are there in the family?

- (a) One (b) Three (c) Four
(d) Data is inadequate (e) N. O. T.

22. What is the profession of A?

- (a) Doctor (b) Lawyer (c) Jeweler
(d) Manager (e) N. O. T.

23. One of the pairs of couples in the family is?

- (a) AB (b) AC (c) AD
(d) Cannot be determined (e) N. O. T.

DIRECTIONS:

- (1) Five plays A, B, C, D and E are to be staged from Monday to Saturday – one play on each day with one day as rest day (R)
(2) There is a gap of one day between C and D.
(3) A is immediately after E.
(4) B is two days (i.e. gap of two days) after A

(5) Rest day is between D and A.

24. Which day was Rest day?

- (a) Wednesday (b) Thursday
(c) Tuesday (d) Cannot be determined
(e) none of these

25. Which of the following is the correct sequence of staging the plays?

- (a) EA (R) CBD (b) ED (R) ABC
(c) EA(R) DBC (d) Cannot be determined
(e) none of these

26. Which play was staged on Monday?

- (a) A (b) E (c) D
(d) Cannot be determined (e) none of these

27. Which day was C staged?

- (a) Friday (b) Thursday
(c) Wednesday (d) Cannot be determined
(e) none of these

28. How many day's gap was there between B and E?

- (a) One (b) Two
(c) Three (d) Four
(e) none of these

DIRECTIONS:

- (1) Six friends are seated in a circle facing centre
(2) A is second to the left of F.
(3) B is between C and D
(4) E is second to the left of D

29. Who is between F and A?

- (a) E (b) A (c) B
(d) Cannot be determined (e) N. O. T.

30. Which of C's position with reference to F?

- (a) Second to the left (b) Fourth to the right
(c) Next to F (d) Third to the left
(e) N. O. T.

DIRECTIONS:

Four Tourists come to India and stay in a hotel. They occupy one room each on I, II, III and IV floor of the hotel. They have one child each with them. Their names are Bulbul, Jilmil, Tinmin and Munmun. They are 5, 8, 9, 10 years old but not in the same order. The given information is

- (1) Bulbul who is the youngest, lives between the 9-year

old and the 8-year old

(2) Jilmil has to pass by the floor of the 5-year old to come down.

(3) Jilmil is more than one floor away from Munmun, who is more than 1 year younger than Jilmil.

31. The age of Jilmil is

- (a) 5 (b) 8 (c) 9 (d) 10

32. Munmun lives on Floor

- (a) II (b) I (c) III (d) IV

33. The product of the age of Tinmin and Jilmil is

- (a) 72 (b) 40 (c) 80 (d) 90

DIRECTIONS:

There are five alternatives answer for each of the following questions. Find out the correct answer.

34. Among five friends, Dipti is in the middle by age. Kamal is youngest. Ulka is older than Nayan who is younger than Alka and Dipti. Who is the oldest among them?

- (a) Kamal
(b) Ulka
(c) Nayan
(d) Alka
(e) Data inadequate

35. If Geeta is more beautiful than Rupa but not so beautiful as Nita, which one of the following statements is correct?

- (a) Nita is more beautiful than Rupa
(b) Rupa is more beautiful than Nita
(c) Nita is not more beautiful than Geeta.
(d) Geeta is the most beautiful.
(e) All the statements are false.

36. Shirish is taller than Ashutosh, Raju is taller than Charu but shorter than Bala. Ashutos is shorter than Charu. Charu is taller than Shirish. Who is the taller.

- (a) Shirish
(b) Bala
(c) Raju
(d) Ashutos
(e) Charu

DIRECTIONS:

From amongst six boys A,B,C,D,E, and F five girls P, Q, R, S, and T a team of six is to be selected under the following conditions :

- A and D have to be together.
- B cannot be teamed with E.
- C and Q have to be together.
- D cannot go with P.
- C cannot go with S.
- B and R have to be together.
- S and T have to be together.

37. If four members including E have to be boys, the member other than E are:

- (a) ABCQR
- (b) ACDFQ
- (c) ADFST
- (d) BCFQR

38. If four members have to be girls, the member of the team is:

- (a) BCPQRS
- (b) BCPQRT
- (c) BFPRST
- (d) BCQRST

39. If the team including C consists of four boys the member of the team other than C are:

- (a) BEFRQ
- (b) DEFAQ
- (c) ADEPQ
- (d) ABDQR

DIRECTIONS:

Branches of five banks A, B, C, D and E are as follows:

- (1) A,B and C are in Indore and Bhopal.
- (2) A,B and E are in Indore and Gwalior.
- (3) B, C and D are in Raipur and Bhopal.
- (4) A, E, and D are in Gwalior and Jabalpur.
- (5) C, E and D are in Raipur and Jabalpur.

40. Branch of which bank is in Indore but not in Raipur?

- (a) B
- (b) C
- (c) A

d) D

41. Branch of which bank is not in Indore?

- (a) E
- (b) C
- (c) B
- (d) D

42. Branch of which bank is in Raipur and Indore but not in Bhopal?

- (a) D
- (b) A
- (c) E
- (d) C

43. Branch of which bank is in all places except Gwalior?

- (a) A
- (b) C
- (c) D
- (d) B

44. In which city there is not any Branch of B?

- (a) Jablapur
- (b) Gwalior
- (c) Indore
- (d) Bhopal

DIRECTIONS:

Read the following information and answer the questions that follow:

- (1) There are six friends Ash, Ben, Cindy, Dew, Enn and Fred
- (2) Each one is interested in one of the games, namely, Snooker, Vollyball, Cricket, Golf, Tennis and Polo
- (3) Each owns a different coloured car, namely, yellow, white, green, blue, red and violet.
- (4) Dew plays Polo and owns a yellow coloured car.
- (5) Cindy does not play either Tennis or Golf and owns neither blue nor red coloured car.
- (5) Enn owns a white car and plays Snooker.
- (7) Ben does not play tennis, he owns a red colourd car.
- (8) Ash plays cricket and owns a violet car.

45. Who plays Golf?

- (a) Ben
- (b) Cindy
- (c) Fred
- (d) Data inadequate
- (e) N. O. T.

46. Which of coloured car Fred owns?

- (a) Green (b) Blue
(c) Either Green or Blue (d) Data inadequate
(e) N. O. T.

47. Which of the following combinations of colour of car and game played is not correct?

- (a) Yellow – Polo (b) Green – Tennis
(c) Violet – cricket (d) Red – Golf
(e) N. O. T.

DIRECTIONS:

There are six persons M, N, O, P, Q and R

- (1) M is not a doctor
(2) N and Q are not players
(3) P is not a singer
(4) M and P are not players
(5) M and N are not alike

48. Which two persons are neither players nor Singers?

- (a) M and N (b) P and Q
(c) R and O (d) N and P
(e) N. O. T.

49. Which two persons are singers?

- (a) M and N (b) Q and R
(c) O and P (d) M and R
(e) N. O. T.

50. Which two persons are doctors?

- (a) M and N (b) O and M
(c) N and P (d) M and R (e) N. O. T.

51. Which two persons are players?

- (a) M and O (b) N and R (c) O and R
(d) N and Q (e) M and P

52. Which person is a doctor and singer but not a player

- (a) Q (b) R (c) M
(d) N (e) O

53. Around a circular table 10 people are sitting. There are two people between Sudha and Madan. Anju is opposite to Sudha. How many persons are there between Anju and Madan?

- (a) 1 (b) zero (c) 3
(d) 5 (e) cannot be determined

DIRECTIONS:

- (1) Prachi and Anju are good in Snooker and Badminton

(2) Sapna and Prachi are good in Badminton and Basketball.

(3) Sapna, Suchita and Annu are good in Basketball and Tennis

(4) Annu and Sapna are good in Basketball and Swimming.

(5) Such ita and Anju ae good in Tennis and Snooker

54. Who is good in Badminton, Tennis and Snooker?

- (a) Sapna (b) Prachi (c) Anju
(d) Annu (e) N. O. T.

55. Who is good in Basketball, Snooker and Badminton?

- (a) Anju (b) Suchita (c) Prachi
(d) Sapna (e) N. O. T.

56. Who is good in Basketball, Tennis and Snooker?

- (a) Suchita (b) Anju (c) Prachi
(d) Sapna (e) N. O. T.

57. Who is good in Tennis, Basketball, Badminton and Swimming?

- (a) Suchita (b) Annu (c) Prachi
(d) Sapna (e) N. O. T.

58. Who is good in Basketball, Tennis and Swimming but not Badminton?

- (a) Prachi (b) Suchita (c) Annu
(d) Sapna (e) N. O. T.

59. Munni returned home three days earlier than the time she had told her mother. Munni's sister Lali reached five days later than the day Munni was supposed to return. If Munni returned on Thursday, on what day did Lali return?

- (a) Tuesday (b) Wednesday
(c) Saturday (d) Friday (e) None of these

60. Mani is taller than Girdhar but shorter than Neeraj. Majoli is shorter than Natasha but taller than Neeraj. Who among them is the tallest?

- (a) Natasha (b) Girdhar
(c) Mani (d) Neeraj (e) Majoli

61. Praveen, Shambhavi, Ajit, Mayur and Neela work in the same factory. Neela joined the factory before Ajit but after Shambhavi, Praveen started working in the factory before Shambhavi but after Mayur. Who is the senior most among them?

- (a) Praveen (b) Shambhavi
(c) Neela (d) Ajit (e) Mayur.

DIRECTIONS:

- (1) Eight persons A, B, C, D, E, F, G and H are seated around a table
 (2) C and E are not adjacent to each other.
 (3) B is on the left of E
 (4) H is on the right of D
 (5) There are three persons between B and H.
 (6) A is adjacent to F.
 (7) F is on the left of C.

62. Moving clock-wise who occupies the sixth position from A?

- (a) D (b) G (c) C
 (d) Can't be determined (e) N. O. T.

63. Which of the following statements is incorrect?

- (a) C is second to the right of E.
 (b) A is on the immediate right of F.
 (c) E is on the immediate left of D.
 (d) E is sitting opposite F. (e) N. O. T.

64. Which of the following is an incorrect pair of persons seated opposite each other?

- (a) EA (b) DC (c) BA
 (d) Can't be determined (e) N. O. T.

65. If each person interchange his or her position with the person seated opposite, who will be on the right of D?

- (a) E (b) F (c) G
 (d) Can't be determined (e) N. O. T.

66. If A interchanges his position with D and so do H and C which of the following will be true?

- (a) H is second to the left of E
 (b) B and A are opposite each other
 (c) F is on the immediate left of C
 (d) A is on the immediate left of H.
 (e) N. O. T.

67. In a queue of six persons C and D are neighbors of E. A is the only neighbor of B. There are three persons between A and F. Who among the following are at the ends?

- (a) B and D (b) F and B
 (c) F and C (d) B and C
 (e) can't be determined.

68. There are five pens P, Q, R, S and T of different colours viz Blue, Black Maroon, Green and Red but not necessarily in the same order. The pen P is neither Blue nor Maroon. R is of Black colour while T is of Green colour which of the following pens is of Red colour?

- (a) P (b) Q (c) R (d) S (e) T

DIRECTIONS:

Directions: On the shelf are placed six volumes side by side labelled A, B, C, D, E and F. Three volumes C, B and E have blue covers while the rest have red covers. D and F are new volumes while the rest are old volumes. A, C and D are law reports while the rest are gazetteers

69. Which is the red covered new law report volume?

- (a) B (b) A
 (c) D (d) C

70. Which two volumes are old Gazetteers and have blue covers?

- (a) B and F (b) B and E
 (c) B and C (d) E and F

71. Which volume is new, red covered and a gazetteers?

- (a) D (b) F
 (c) B (d) E

72. Which one of the following is the old volume of a gazetteer?

- (a) D (b) C
 (c) E (d) F

73. Which is blue covered, old and a law report volume?

- (a) B (b) E
 (c) D (d) C

DIRECTIONS:

Four girls occupied chairs out of the five chair kept in a row from left to right.

- (1) Both Renu and Anju are neither first nor last in the row
 (2) Munni is third to the left of empty chair
 (3) Seema is not adjacent to the empty chair.

74. Which of the following chairs was definitely empty?

- (a) Fifth from left (b) Fourth from left
 (c) Third (d) Data inadequate
 (e) None of these

DIRECTIONS:

(1) Six friends A, B, C, D, E and F are seated in a circle

facing each other

(2) A is between B and E

(3) C is to the immediate left of D.

(4) F is between D and E

75. Who is to the immediate right of D?

- (a) E (b) B (c) D
(d) Can't be determined (e) N. O. T.

76. Who is third to the right of C?

- (a) A (b) E (c) F
(d) Can't be determined (e) N. O. T.

77. Which of the statements is not needed to arrive at the seating position of all the six friends?

- (a) i. only (b) ii. only
(c) Either iii. or iv. Only (d) iv. only
(e) All are required

78. Who is between C and B?

- (a) no one (b) F (c) A
(d) Cannot be determined (e) N. O. T.

DIRECTIONS:

- (1) Six books of different subjects Physics, Chemistry, Biology, English, Economics and Sanskrit are being kept one above the other.
(2) The number of pages in these books are 205, 405, 387, 521, 296 and 417 though not respectively.
(3) 296 - paged Chemistry book is second from the bottom. The book of Biology is on the top and consists of 417 pages.
(4) The book of Economics has 521 pages and Sanskrit book is being kept 4th from the bottom.
(5) The book of English is at the bottom and has 387 pages.
(6) The book which has 205 pages is being kept 3rd from the bottom.

79. Which book was kept second from the top?

- (a) Chemistry (b) Physics (c) Economics
(d) Data inadequate (e) None of these

80. Which book has 405 pages?

- (a) Sanskrit (b) Physics
(c) Biology (d) Cannot be determined
(e) None of these

81. Which of the following combinations of Book and its position from the bottom is not correct?

- (a) 5 - Chemistry (b) 3 - Physics

- (c) 1 - English
(e) All are correct.

(d) 6 - Biology

82. If B binder inadvertently binds the pages of the book kept at bottom with the cover of the book at fourth from the bottom similarly the book at 2nd with 5th and the book at 3rd with the top then how many pages does the book with Biology colour have?

- (a) 387 (b) 405
(c) 205 (d) 417
(e) N. O. T.

DIRECTIONS:

After a cricket series a panel judges 5 players – P, J, R, D and S gave their ranking for batting and bowling. The ranking was in descending order. S, who was ranked first in batting, was last in bowling. R had same ranking in both and was just above S in bowling. In batting, P was just above D but in bowling he was in the middle after J.

83. Who was ranked first as bowler?

- (a) J (b) S (c) R
(d) Data inadequate (e) N. O. T.

84. Who was ranked fifth in batting?

- (a) D (b) J (c) R
(d) Data inadequate (e) N. O. T.

85. Four persons P, Q, R and S are standing in a row as per their size. Among them, P is taller than Q and S is taller than P, but S is smaller than R. Starting from the tallest one, what is the order in the row?

- (a) RSPQ (b) PQRS (c) QPSR (d) SRQP

DIRECTIONS:

Read the following information and answer the questions given below it.

An ironsmith has five iron articles : P, Q, R, S and T.

I. P weighs double that of Q.

II. Q weighs four and half time that of R.

III. R weighs half that of T.

IV. T weighs less than P but more than R; S is heavier than R.

86. Which one is the lightest of all?

- (a) P (b) Q (c) R (d) S

87. T is lighter than which pair of other objects?

- (a) P, Q (b) S, R (c) P, R (d) S, Q

88. T is heavier than which other pair of objects?

- (a) S, Q (b) S, R (c) P, R (d) P, Q

89. Which one of the following is heaviest?

- (a) P (b) Q (c) R (d) S

90. What is the descending order of their weights?

- (a) PQTSR (b) QSTPR (c) RPSQT (d) PQSTR

DIRECTIONS:

Read the following and answer the questions.

There/are six flats on a floor in two rows facing North and South allotted to six persons P, Q, R, S, T and U. The position of their flats is as follows:

I. Q's flat faces the North and is not next to S.

II. Sand U have occupied diagonally opposite flats.

III. R. next to U, occupied a flat facing the South and T gets a flat which faces the North.

91. Whose flat is between Q and S?

- (a) P (b) R (c) T (d) U.

92. The flats of which pair other than that of SU is diagonally opposite to each other?

- (a) RT (b) PT (c) QP (d) TU.

93. If the flats of T and P are interchanged, whose flat will be next to that of U?

- (a) S (b) R (c) Q (d) Q or S.

94. After interchanging the flats of T and P, who stays between T and U in the same block?

- (a) P (b) Q (c) S (d) R.

95. If the flats are not interchanged between T and P, who occupies the flat between Q and S?

- (a) P (b) T (c) R (d) U.

DIRECTIONS:

Study the following information carefully and answer the questions given below it:

(i) K, G, P, H, R and W are six managers in an organisation of six different departments of Administration, Accounts, Printing, Personnel, Computer and Publication not necessarily in the same order. Each of them sits in six different floors of I, II, III, IV, V and VI also not necessarily in the same order.

(ii) P sits on IIIrd floor and is not in either Personnel or Printing. G and R are in Administration and Computer respectively. K who is in Publication sits one floor below the manager of Accounts Department. H and W sit on IV th and Vth floor respectively. The manager of computer department sits on 1st floor.

96. Who works in Personnel?

- (a) H (b) W
(c) H or W (d) Data inadequate.
(e) None of these.

97. On which floor does K sit?

- (a) 1st (b) II nd
(c) IV th (d) Data inadequate.
(e) None of these.

98. Who is the manager of Accounts Department?

- (a) P (b) H
(c) K (d) Data inadequate.
(e) None of these.

99. Which of the following combinations of Manager and Department is definitely correct?

- (a) G-Personnel (b) H-Printing
(c) P-Computer (d) W-Personnel
(e) None of these.

100. If H is manager in Personnel, which of the following combinations of department and floor is correct?

- (a) Printing-I st (b) Printing-Vth
(c) Administration-IIIrd (d) Computer-IInd
(e) All are correct.