

IBPS PO Prelims Memory Based 2024 (Reasoning Ability)

Directions (1-5): Study the following information carefully and answer the given questions:

Seven persons A, B, C, D, E, F, and G are sitting around a circular table, but not necessarily in the same order. Some of them face towards the centre, and some face away from the centre.

F sits third to the right of A. The immediate neighbours of A face the same direction but opposite as A. A faces the same direction as B but not towards the centre. One person sits between A and C. D sits 2nd to the left of C. E sits 2nd to the left of G and face in the same direction. F and D face opposite direction as E.

Q1. Who among the following sits second to the right of E?

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

Q2. Which among the following pair of persons faces the same direction?

- (a) G and C
- (b) A and E
- (c) E and D
- (d) C and F
- (e) None of these

Q3. How many persons sit between B and F (counting clockwise from F)?

- (a) One
- (b) Three
- (c) Four
- (d) Two
- (e) None

Q4. Four of the following five persons are alike in a certain way based on their seating arrangement. Find the odd one.

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

Q5. Which among the following statements is/are true?

- I. G faces towards the centre.
- II. Both F and A face away from the centre.
- III. Two persons sit between C and D when counted clockwise from D.

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- (a) Only I
- (b) Only III
- (c) Both I and II
- (d) Both II and III
- (e) All I, II, and III

Directions (6-8): Read the given information carefully and answer the related questions:

M is spouse of O and parent of R. O is father-in-law of T who has two children. N is the only son of R who has no sibling. T is mother-in-law of P. V is married to P.

Q6. Four of the following five are similar in a certain manner, who among the following is dissimilar to others?

- (a) O
- (b) R
- (c) P
- (d) N
- (e) V

Q7. Who among the following is grandmother of V?

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

Q8. What is the relation of P with respect to R?

- (a) Son-in-law
- (b) Son
- (c) Nephew
- (d) Daughter
- (e) None of the above

Q9. If we form a four-letter meaningful word by using the third, fourth, fifth and seventh letter from the left end of the word 'EXACTITUDE', then which of the following will be the second letter of the meaningful word thus formed. If more than one word is formed mark Z as your answer. If no meaningful word is formed, mark X as your answer?

- (a) C
- (b) A
- (c) X
- (d) T
- (e) Z

Directions (10-14): Read the given information carefully and answer the related questions:

Seven persons was born on same date and same month but in different years – 1955, 1967, 1973 1980, 1987, 1991, 2003. Consider the base year 2024 to calculate the ages.

L's age is multiple of 3. Three persons were born between L and Q. Number of persons born before Q is same as the number of persons born after P. Difference between the age of Q and K is 12 years. M is 7 years older to N. N is younger to O.

Q10. Who among the following was born in 1967?

- (a) N
- (b) P
- (c) M
- (d) O
- (e) K

Q11. What is age difference between M and Q?

- (a) 25 years
- (b) 24 years
- (c) 23 years
- (d) 30 years
- (e) 20 years

Q12. M was born in which year?

- (a) 1973
- (b) 1980
- (c) 1987
- (d) 1967
- (e) 1955

Q13. What is the total age of K and N?

- (a) 84 years
- (b) 65 years
- (c) 81 years
- (d) 58 years
- (e) 70 years

Q14. If P is related to L, N is related to Q, then M is related to ___.

- (a) K
- (b) O
- (c) L
- (d) None of these
- (e) N

Directions (15-19): Read the given information carefully and answer the related questions:

In a certain code language

'Play the same game.' is coded as 'us ud ut uk'

'Seen in the play' is coded as 'uk ua ud um'

'The jar is seen.' is coded as 'ud ua uh uw'

'The same game played' is coded as 'ut ud ub us'

Q15. What is the code for 'same'?

- (a) uh
- (b) ut
- (c) um
- (d) ub
- (e) ud

Q16. If the code of 'Jar' is 'uh', then the code of 'is played' will be?

- (a) ua ud
- (b) uw ut
- (c) ua us
- (d) uw ub
- (e) uw ut

Q17. What is the code of 'play'?

- (a) ud
- (b) us
- (c) uk
- (d) ut
- (e) um

Q18. What will be the possible code for 'game is played'?

- (a) uh ud ub
- (b) ut us ua
- (c) us uh ub
- (d) ut ub ud
- (e) uh uw uk

Q19. Which word is coded as 'um'?

- (a) In
- (b) The
- (c) Play
- (d) Seen
- (e) None of the above

Directions (20-24): Study the information carefully and answer the questions given below.

Six persons i.e. A, B, C, D, E and F sit in row such that all of them face in the north direction. They all like different fruits i.e. Mango, Strawberry, Guava, Orange, Apple and Banana but not necessarily in the same order.

The one who likes Strawberry sits at the right end. B sits 3rd to the left of the one who likes Guava. A sits 2nd to the left of the one who likes Mango, and likes Banana. C sits 3rd to the right of E but not sit at any extreme ends. There are as many persons sit to the right of D is same as to the left of the one who likes Apple.

Q20. Who among the following likes Guava?

- (a) A
- (b) D
- (c) C
- (d) F
- (e) None of these

Q21. How many persons sit between C and the one who likes Orange?

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

Q22. Who among the following sits third to the left of the one who likes Guava?

- (a) The one who sits immediate left of E
- (b) F
- (c) The one who likes Orange
- (d) A
- (e) None of these

Q23. Which of the following statement is true?

- (a) C sits to the immediate left of the one who likes Apple.
- (b) The one who likes Mango sits 3rd from the extreme right end.
- (c) B likes Orange.
- (d) A sits third to the left of D.
- (e) None is true

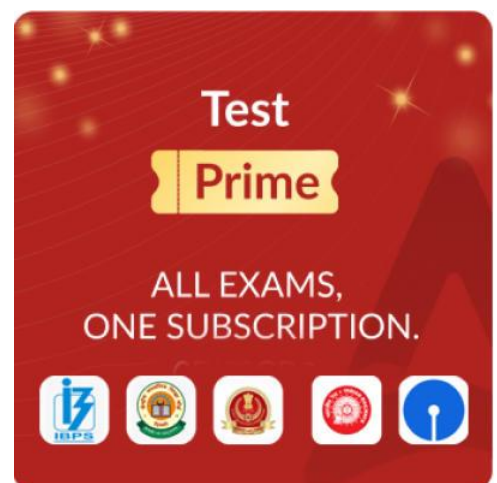
Q24. Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to that group?

- (a) B- Banana
- (b) F-Orange
- (c) E-Guava
- (d) A-Apple
- (e) C-Mango

Q25. Find odd one out?

- (a) FBI
- (b) PLR
- (c) EAH
- (d) IEL
- (e) RNU

Directions (26-30): Read the given information carefully and answer the related questions:



Six boxes - A, B, C, D, E and F are placed one above another. These boxes are of different types – Jute, Steel, Iron, Wood, Leather, Brass. All the information is not necessarily in the same order.

Box D is placed three places above leather box. Same number of boxes are placed above box D and below steel box. Box B is placed just below box F and just above wood box. Box A is placed two places below iron box. More than one box is placed below box C which is placed below brass box.

Q26. How many boxes are placed between brass box and box A?

- (a) None
- (b) Three
- (c) One
- (d) Two
- (e) Four

Q27. Which of the following statement is incorrect?

- (a) Box E is bottommost box
- (b) Box B is leather box
- (c) Box D is placed above box F
- (d) Box A and B are adjacent to each other
- (e) Box C is brass box

Q28. Box F is of which type?

- (a) Iron
- (b) Jute
- (c) Brass
- (d) Steel
- (e) Leather

Q29. If box E is related to wood box, box A is related to leather box, then in similar manner, which box is related to jute box?

- (a) Box D
- (b) Box F
- (c) Box B
- (d) Box C
- (e) None of the above

Q30. As many boxes are placed above box D as below box ____.

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

Q31. In the word 'ORGANIZE', how many pairs of the letters have the same number of letters between them (both forward and backward direction) in the word as in the alphabet?

- (a) Four
- (b) Two
- (c) One
- (d) Three
- (e) More than four

Directions (32-34): Study the information carefully answer the questions given below.

Six persons P, Q, R, S, T and U in a family have different weights. The third heaviest person weight is 40kg. Q's weight is in odd number and is lighter than S but heavier than R. The number of persons lighter than S is one more than P. T is heavier than R and U. T is 20kg more than P who is heavier than Q. The second lightest person is not Q.

Q32. What is the possible weight of S?

- (a) 39kg
- (b) 34kg
- (c) 53kg
- (d) 67kg
- (e) 62kg

Q33. If R's weight is 15kg less than P and 5 kg more than U then what is the sum weight of R and U?

- (a) 38kg
- (b) 45kg
- (c) 50kg
- (d) 40kg
- (e) 35kg

Q34. The numbers of persons heavier than P is same as the numbers of persons lighter than ____.

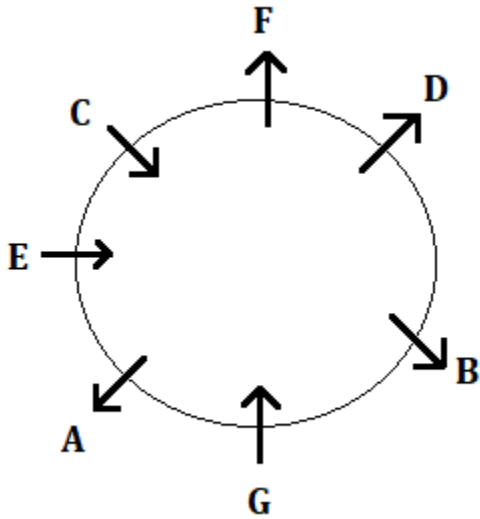
- (a) S
- (b) T
- (c) Q
- (d) P
- (e) None of these

Q35. If in the given word "CONVERSION", if we replaced all odd position letter (from left) with its just next letter and replace all the even position letter (from left) with its just previous letter then find how many letters are repeated there in the new arrangement?

- (a) One
- (b) Two
- (c) Four
- (d) Three
- (e) None

Solutions

Directions (1-5):



S1. Ans. (e)

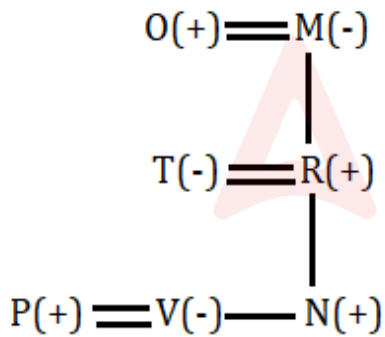
S2. Ans. (a)

S3. Ans. (a)

S4. Ans. (b)

S5. Ans. (c)

Directions (6-8):



S6. Ans. (e)

Sol. Except V, all are males

S7. Ans. (b)

S8. Ans. (a)

S9. Ans. (b)

Sol. TACT

Directions (10-14):

Year	Age	Persons
1955	69	P
1967	57	O
1973	51	L
1980	44	M
1987	37	N
1991	33	K
2003	21	Q

S10. Ans. (d)

S11. Ans. (c)

S12. Ans. (b)

S13. Ans. (e)

S14. Ans. (a)

Directions (15-19):

Words	Codes
The	ud
Play	uk
Seen	ua
In	um
Same/Game	us/ut
Jar/Is	uh/uw
Played	ub

S15. Ans. (b)

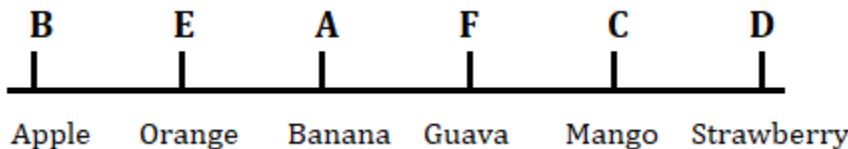
S16. Ans. (d)

S17. Ans. (c)

S18. Ans. (c)

S19. Ans. (a)

Directions (20-24):



S20. Ans. (d)

S21. Ans. (b)

S22. Ans. (a)

S23. Ans. (d)

S24. Ans. (e)

S25. Ans. (b)

Sol. Logic - FBI

First letter is fourth next letter of second letter and third letter is third next letter of first letter.

Directions (26-30):

Box	Types
D	Brass
C	Jute
F	Iron
B	Leather
A	Wood
E	Steel

S26. Ans. (b)

S27. Ans. (e)

S28. Ans. (a)

S29. Ans. (b)

S30. Ans. (c)

S31. Ans. (c)

Sol.

ORGANIZE



Directions (32-34):

T (60kg) > S > P (40kg) > Q > R/U > U/R

S32. Ans. (c)

S33. Ans. (b)

S34. Ans. (c)

S35. Ans. (e)

Sol. CONVERSION

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