

RRB PO Pre 2022 (20th August) Shift-Wise Previous Year Paper Mock 02

Q1. If in the number “8634726521, position of the first and the second digit are interchanged, positions of the third and fourth digit are interchanged and so on till the positions of 9th and 10th digit are interchanged, then which digit will be 6th from the left end?

- (a) 7
- (b) 1
- (c) 3
- (d) 9
- (e) None of these

Ans.(a)

Q2. Who among the following lives in Flat-1 of 4th floor?

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

There are ten persons i.e. A, B, C, D, E, F, G, H, I and J who lives in a building having five floors such that ground floor is numbered as 1 and above it is 2 and so on up to the top floor numbered as 5. Each of the floor consist of 2 flats as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and the same way followed by flat-2. Flat-2 is in east of flat-1.

F lives in east of A. B lives above I in an odd numbered floor. Two floors gap between B and J who lives in odd numbered flat. D lives above G and both live in same numbered flat. As many floors are above A as below of F. One floor gap between floor of F and H, but flat number of both is different. E does not live on same floor of D. I live on even numbered floor and even numbered flat. Two floors gap between floors of I and C who lives in flat-1.

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

Ans.(c)

Q3. C lives on which floor?

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

There are ten persons i.e. A, B, C, D, E, F, G, H, I and J who lives in a building having five floors such that ground floor is numbered as 1 and above it is 2 and so on up to the top floor numbered as 5. Each of the floor consist of 2 flats as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and the same way followed by flat-2. Flat-2 is in east of flat-1.

F lives in east of A. B lives above I in an odd numbered floor. Two floors gap between B and J who lives in odd numbered flat. D lives above G and both live in same numbered flat. As many floors are above A as below of F. One floor gap between floor of F and H, but flat number of both is different. E does not live on same floor of D. I live on even numbered floor and even numbered flat. Two floors gap between floors of I and C who lives in flat-1.

- (a) 1st



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- (b) 2nd
- (c) 3rd
- (d) 4th
- (e) 5th

Ans.(a)

Q4. Four of the following five belongs to a group in a certain way. Who does not belong to the group?

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

There are ten persons i.e. A, B, C, D, E, F, G, H, I and J who lives in a building having five floors such that ground floor is numbered as 1 and above it is 2 and so on up to the top floor numbered as 5. Each of the floor consist of 2 flats as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and the same way followed by flat-2. Flat-2 is in east of flat-1.

F lives in east of A. B lives above I in an odd numbered floor. Two floors gap between B and J who lives in odd numbered flat. D lives above G and both live in same numbered flat. As many floors are above A as below of F. One floor gap between floor of F and H, but flat number of both is different. E does not live on same floor of D. I live on even numbered floor and even numbered flat. Two floors gap between floors of I and C who lives in flat-1.

- (a) H
- (b) A
- (c) G
- (d) B
- (e) J

Ans.(e)

Q5. J lives on which floor and flat respectively?

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

There are ten persons i.e. A, B, C, D, E, F, G, H, I and J who lives in a building having five floors such that ground floor is numbered as 1 and above it is 2 and so on up to the top floor numbered as 5. Each of the floor consist of 2 flats as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and the same way followed by flat-2. Flat-2 is in east of flat-1.

F lives in east of A. B lives above I in an odd numbered floor. Two floors gap between B and J who lives in odd numbered flat. D lives above G and both live in same numbered flat. As many floors are above A as below of F. One floor gap between floor of F and H, but flat number of both is different. E does not live on same floor of D. I live on even numbered floor and even numbered flat. Two floors gap between floors of I and C who lives in flat-1.

- (a) 4,2
- (b) 5,1
- (c) 1,2
- (d) 2,1
- (e) 4,1

Ans.(d)

Q6. Who among the following lives on even numbered floor and even number flat?

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

There are ten persons i.e. A, B, C, D, E, F, G, H, I and J who lives in a building having five floors such that ground floor is numbered as 1 and above it is 2 and so on up to the top floor numbered as 5. Each of the floor consist of 2 flats as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and the same way followed by flat-2. Flat-2 is in east of flat-1.

F lives in east of A. B lives above I in an odd numbered floor. Two floors gap between B and J who lives in odd numbered flat. D lives above G and both live in same numbered flat. As many floors are above A as below of F. One floor gap between floor of F and H, but flat number of both is different. E does not live on same floor of D. I live on even numbered floor and even numbered flat. Two floors gap between floors of I and C who lives in flat-1.

(a) H

(b) I

(c) G

(d) J

(e) E

Ans.(b)

Q7. Statements:

Only Balls is Alloy.

No Balls are cats.

Only few Cats are Dogs.

Conclusions:

I. Some alloys are cats

II. Some Balls are Dogs.

In each of the questions below some statements are given followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

(a) If only conclusion I follows.

(b) If only conclusion II follows.

(c) If either conclusion I or II follows.

(d) If neither conclusion I nor II follows.

(e) If both conclusions I and II follow.

Ans.(d)

Q8. Statements:

Only few cats are dogs.

All dogs are Tigers.

Only few Tigers are Zebra.

Conclusions:

I. Some Cats Being Zebra is a Possibility.

II. All Zebra being dogs is a Possibility.

In each of the questions below some statements are given followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

Ans.(e)

Q9. Statements:

All Mouse are books.

All books are laptops.

Conclusions:

I. All books are Mouse.

II. All Laptops are Mouse.

In each of the questions below some statements are given followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

Ans.(d)

Q10. What is the code for the word "Great"?

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

In a certain code:

"Welcome we are" is coded as "xf bf go"

"We are great going" is coded as "xf bf hu hh"

"Great persons are cool" is coded as "hu qt bf dm"

"Cool being great" is coded as "dm ch hu"

- (a) bf
- (b) hu
- (c) qt
- (d) dm
- (e) None of the above

Ans.(b)

Q11. What is the code for the word “Persons”?

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

In a certain code:

“Welcome we are” is coded as “xf bf go”

“We are great going” is coded as “xf bf hu hh”

“Great persons are cool” is coded as “hu qt bf dm”

“Cool being great” is coded as “dm ch hu”

- (a) bf
- (b) hu
- (c) qt
- (d) dm
- (e) None of the above

Ans.(c)

Q12. Which of the following word is coded as “ch”?

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

In a certain code:

“Welcome we are” is coded as “xf bf go”

“We are great going” is coded as “xf bf hu hh”

“Great persons are cool” is coded as “hu qt bf dm”

“Cool being great” is coded as “dm ch hu”

- (a) we
- (b) are
- (c) Great
- (d) Being
- (e) None of the above

Ans.(d)

Q13. What is the code for the word “cool”?

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

In a certain code:

“Welcome we are” is coded as “xf bf go”

“We are great going” is coded as “xf bf hu hh”

“Great persons are cool” is coded as “hu qt bf dm”

“Cool being great” is coded as “dm ch hu”

- (a) bf
- (b) hu
- (c) qt
- (d) dm
- (e) None of the above

Ans.(d)

Q14. Which of the following word is coded as “xf”?

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

In a certain code:

“Welcome we are” is coded as “xf bf go”

“We are great going” is coded as “xf bf hu hh”

“Great persons are cool” is coded as “hu qt bf dm”

“Cool being great” is coded as “dm ch hu”

- (a) we
- (b) are
- (c) Great
- (d) Persons
- (e) None of the above

Ans.(a)

Q15. Who among the following faces L?

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

Eight persons i.e., F, G, H, I, J, K, L and M are sitting in two rows in such a way that four persons sit in each row. Persons sitting in row 1 faces north and persons in row 2 faces South. Persons sitting in row 1 face the persons sitting in row 2. They like different dishes i.e., Burger, Pizza, veg puff, Fries, Sandwich, Noodle, Roll and Momo but not necessarily in the same order.

G faces the person who sits 2nd to the right of the person who likes Fries. F sits immediate left of the person who likes Burger. H neither like veg puff nor Pizza. I and J sit diagonally opposite to each other. F likes noodle and faces G. H sits immediate right of J who sits in row 1. M likes roll and faces the person who sits 2nd to the left of K. The person who likes Sandwich sits immediate right of the person who likes veg puff.

- (a) H
- (b) The person who like Momo
- (c) F
- (d) The person who like Fries
- (e) None of these

Ans.(d)

Q16. Which of the following dish does I likes?

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

Eight persons i.e., F, G, H, I, J, K, L and M are sitting in two rows in such a way that four persons sit in each row. Persons sitting in row 1 faces north and persons in row 2 faces South. Persons sitting in row 1 face the persons sitting in row 2. They like different dishes i.e., Burger, Pizza, veg puff, Fries, Sandwich, Noodle, Roll and Momo but not necessarily in the same order.

G faces the person who sits 2nd to the right of the person who likes Fries. F sits immediate left of the person who likes Burger. H neither like veg puff nor Pizza. I and J sit diagonally opposite to each other. F likes noodle and faces G. H sits immediate right of J who sits in row 1. M likes roll and faces the person

who sits 2nd to the left of K. The person who likes Sandwich sits immediate right of the person who likes veg puff.

- (a) Momo
- (b) Fries
- (c) Veg puff
- (d) Sandwich
- (e) None of these

Ans.(c)

Q17. Who among the following sits immediate left of the person who likes Pizza?

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

Eight persons i.e., F, G, H, I, J, K, L and M are sitting in two rows in such a way that four persons sit in each row. Persons sitting in row 1 faces north and persons in row 2 faces South. Persons sitting in row 1 face the persons sitting in row 2. They like different dishes i.e., Burger, Pizza, veg puff, Fries, Sandwich, Noodle, Roll and Momo but not necessarily in the same order.

G faces the person who sits 2nd to the right of the person who likes Fries. F sits immediate left of the person who likes Burger. H neither like veg puff nor Pizza. I and J sit diagonally opposite to each other. F likes noodle and faces G. H sits immediate right of J who sits in row 1. M likes roll and faces the person who sits 2nd to the left of K. The person who likes Sandwich sits immediate right of the person who likes veg puff.

- (a) G
- (b) The person who likes Roll
- (c) I
- (d) The person who likes Veg puff
- (e) None of these

Ans.(b)

Q18. Which of the following is true regarding M?

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

Eight persons i.e., F, G, H, I, J, K, L and M are sitting in two rows in such a way that four persons sit in each row. Persons sitting in row 1 faces north and persons in row 2 faces South. Persons sitting in row 1 face the persons sitting in row 2. They like different dishes i.e., Burger, Pizza, veg puff, Fries, Sandwich, Noodle, Roll and Momo but not necessarily in the same order.

G faces the person who sits 2nd to the right of the person who likes Fries. F sits immediate left of the person who likes Burger. H neither like veg puff nor Pizza. I and J sit diagonally opposite to each other. F likes noodle and faces G. H sits immediate right of J who sits in row 1. M likes roll and faces the person who sits 2nd to the left of K. The person who likes Sandwich sits immediate right of the person who likes veg puff.

- (a) M sits at the extreme end
- (b) L and G are not immediate neighbours of M
- (c) M faces the person who likes Momo
- (d) Two persons sit between M and L
- (e) All are true

Ans.(c)

Q19. Four of the following five are alike in a certain way based from a group, find the one which does not belong to that group?

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

Eight persons i.e., F, G, H, I, J, K, L and M are sitting in two rows in such a way that four persons sit in each row. Persons sitting in row 1 faces north and persons in row 2 faces South. Persons sitting in row 1 face the persons sitting in row 2. They like different dishes i.e., Burger, Pizza, veg puff, Fries, Sandwich, Noodle, Roll and Momo but not necessarily in the same order.

G faces the person who sits 2nd to the right of the person who likes Fries. F sits immediate left of the person who likes Burger. H neither like veg puff nor Pizza. I and J sit diagonally opposite to each other. F likes noodle and faces G. H sits immediate right of J who sits in row 1. M likes roll and faces the person who sits 2nd to the left of K. The person who likes Sandwich sits immediate right of the person who likes veg puff.

- (a) J
- (b) G
- (c) K
- (d) L
- (e) I

Ans.(b)

Q20.

Statements: $P1 > P2 = P3 < P4 \leq P5 > P6$

Conclusions:

- I. $P5 > P2$
- II. $P6 > P3$

In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement select the appropriate answer.

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or conclusion II follows
- (d) If neither conclusion I nor conclusion II follows
- (e) If both conclusions I and II follow

Ans.(a)

Q21.

Statements: $P \geq N > D \geq G < B \leq J$

Conclusions:

- I. $G < P$
- II. $G < J$

In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement select the appropriate answer.

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or conclusion II follows
- (d) If neither conclusion I nor conclusion II follows
- (e) If both conclusions I and II follow

Ans.(e)

Q22.

Statements: $Q \leq E < I > N = R \geq S$

Conclusions:

I. $E \geq S$

II. $S \leq N$

In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement select the appropriate answer.

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or conclusion II follows
- (d) If neither conclusion I nor conclusion II follows
- (e) If both conclusions I and II follow

Ans.(b)

Q23.

Statements: $R = S \geq Y \geq M < W > O$

Conclusions:

I. $Y < M$

II. $O > S$

In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement select the appropriate answer.

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or conclusion II follows
- (d) If neither conclusion I nor conclusion II follows
- (e) If both conclusions I and II follow

Ans.(d)

Q24. Who has exam on Saturday?

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

Seven persons P, Q, R, S, T, U and V have an exam on different days of the same week starting from Monday to Sunday. They have their exam in seven different cities viz. A, B, C, D, E, F and G. The order of persons and cities are not necessarily in the same order. U has an exam in City D on Wednesday. Q does not have an exam in city A and C but his exam is on the next day of V who has an exam in City F. T has an exam in City E on Friday. P has an exam on Monday but not in City C and G. S has an exam in City A but not on Tuesday.

- (a) S
- (b) Q
- (c) V
- (d) Either S or V
- (e) None of These

Ans.(c)

Q25. On which day does Q has exam?

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

Seven persons P, Q, R, S, T, U and V have an exam on different days of the same week starting from Monday to Sunday. They have their exam in seven different cities viz. A, B, C, D, E, F and G. The order of persons and cities are not necessarily in the same order. U has an exam in City D on Wednesday. Q does not have an exam in city A and C but his exam is on the next day of V who has an exam in City F. T has an exam in City E on Friday. P has an exam on Monday but not in City C and G. S has an exam in City A but not on Tuesday.

- (a) Sunday
- (b) Saturday
- (c) Tuesday
- (d) Cannot be determined
- (e) None of These

Ans.(a)

Q26. S has exam on which day?

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

Seven persons P, Q, R, S, T, U and V have an exam on different days of the same week starting from Monday to Sunday. They have their exam in seven different cities viz. A, B, C, D, E, F and G. The order of persons and cities are not necessarily in the same order. U has an exam in City D on Wednesday. Q does not have an exam in city A and C but his exam is on the next day of V who has an exam in City F. T has an exam in City E on Friday. P has an exam on Monday but not in City C and G. S has an exam in City A but not on Tuesday.

- (a) Saturday
- (b) Sunday
- (c) Tuesday
- (d) Thursday
- (e) None of These

Ans.(d)

Q27. Which of the following combinations of person-city and day is correct?

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

Seven persons P, Q, R, S, T, U and V have an exam on different days of the same week starting from Monday to Sunday. They have their exam in seven different cities viz. A, B, C, D, E, F and G. The order of persons and cities are not necessarily in the same order. U has an exam in City D on Wednesday. Q does not have an exam in city A and C but his exam is on the next day of V who has an exam in City F. T has an exam in City E on Friday. P has an exam on Monday but not in City C and G. S has an exam in City A but not on Tuesday.

- (a) P-B-Wednesday
- (b) R-B-Monday
- (c) R-C-Monday
- (d) P-G-Sunday
- (e) None of These

Ans.(e)

Q28. Who has an exam in City C and on which day?

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

Seven persons P, Q, R, S, T, U and V have an exam on different days of the same week starting from Monday to Sunday. They have their exam in seven different cities viz. A, B, C, D, E, F and G. The order of persons and cities are not necessarily in the same order. U has an exam in City D on Wednesday. Q does not have an exam in city A and C but his exam is on the next day of V who has an exam in City F. T has an exam in City E on Friday. P has an exam on Monday but not in City C and G. S has an exam in City A but not on Tuesday.

- (a) R, Thursday
- (b) R, Tuesday
- (c) Q, Saturday
- (d) Q, Sunday
- (e) None of These

Ans.(b)

Q29. How is X related to T?

Study the following information and answer the questions given below.

In a family of nine members, there are five female members. There are three married couples in this family. R and Q both are mothers of two children. T is the brother-in-law of R. P is the father of R. V is the son-in-law of Q. Y is the brother of X. W is the daughter of S. W and V has no siblings. R has a sister.

- (a) Nephew
- (b) Niece
- (c) Aunt
- (d) Either (a) or (b)
- (e) Cannot be determined

Ans.(b)

Q30. How is S related to R?

Study the following information and answer the questions given below.

In a family of nine members, there are five female members. There are three married couples in this family. R and Q both are mothers of two children. T is the brother-in-law of R. P is the father of R. V is the son-in-law of Q. Y is the brother of X. W is the daughter of S. W and V has no siblings. R has a sister.

- (a) Brother
- (b) Sister
- (c) Sister-in-law
- (d) Mother
- (e) Cannot be determined

Ans.(b)

Q31. How is Q related to W?

Study the following information and answer the questions given below.

In a family of nine members, there are five female members. There are three married couples in this family. R and Q both are mothers of two children. T is the brother-in-law of R. P is the father of R. V is the son-in-law of Q. Y is the brother of X. W is the daughter of S. W and V has no siblings. R has a sister.

- (a) Daughter
- (b) Aunt
- (c) Mother
- (d) Grandmother
- (e) None of these

Ans.(d)

Q32. Who among the following boy sits immediate right of the one who sits opposite to P?

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

There are eight boys i.e. A, B, C, D, P, Q, R and S sit around a circular table but not necessarily in the same order. Some of them are facing inside to the centre while rest are facing outside from the centre. R sits 2nd to the right of S. Q sits immediate left of P who sits 2nd to the left of R. Q does not sit near to R. A does not sit near to R. P sits 3rd to the left of D who faces opposite direction with respect to R. Both Q and A are facing opposite direction with respect to B. The immediate neighbours of S are facing opposite direction to each other. B sits 2nd to the right of C who faces inside.

- (a) D
- (b) B
- (c) R
- (d) C
- (e) None of these

Ans.(b)

Q33. How many boys are facing outside from the centre?

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

There are eight boys i.e. A, B, C, D, P, Q, R and S sit around a circular table but not necessarily in the same order. Some of them are facing inside to the centre while rest are facing outside from the centre. R sits 2nd to the right of S. Q sits immediate left of P who sits 2nd to the left of R. Q does not sit near to R. A does not sit near to R. P sits 3rd to the left of D who faces opposite direction with respect to R. Both Q and A are facing opposite direction with respect to B. The immediate neighbours of S are facing opposite direction to each other. B sits 2nd to the right of C who faces inside.

- (a) None
- (b) Two
- (c) Four
- (d) Five
- (e) None of these

Ans.(c)

Q34. Who among the following boy sits 3rd to the right of R?

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

There are eight boys i.e. A, B, C, D, P, Q, R and S sit around a circular table but not necessarily in the same order. Some of them are facing inside to the centre while rest are facing outside from the centre. R sits 2nd to the right of S. Q sits immediate left of P who sits 2nd to the left of R. Q does not sit near to R. A does not sit near to R. P sits 3rd to the left of D who faces opposite direction with respect to R. Both Q and A are facing opposite direction with respect to B. The immediate neighbours of S are facing opposite direction to each other. B sits 2nd to the right of C who faces inside.

- (a) D
- (b) A
- (c) Q
- (d) B
- (e) None of these

Ans.(a)

Q35. If A interchanged his position with B, then who among the following boy sits 2nd to the left of A?

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

There are eight boys i.e. A, B, C, D, P, Q, R and S sit around a circular table but not necessarily in the same order. Some of them are facing inside to the centre while rest are facing outside from the centre. R sits 2nd to the right of S. Q sits immediate left of P who sits 2nd to the left of R. Q does not sit near to R. A does not sit near to R. P sits 3rd to the left of D who faces opposite direction with respect to R. Both Q and A are facing opposite direction with respect to B. The immediate neighbours of S are facing opposite direction to each other. B sits 2nd to the right of C who faces inside.

- (a) D
- (b) C
- (c) S
- (d) Q
- (e) R

Ans.(b)

Q36. Four of the following five belong to a group in a certain way, which among the following does not belong to that group?

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

There are eight boys i.e. A, B, C, D, P, Q, R and S sit around a circular table but not necessarily in the same order. Some of them are facing inside to the centre while rest are facing outside from the centre. R sits 2nd to the right of S. Q sits immediate left of P who sits 2nd to the left of R. Q does not sit near to R. A does not sit near to R. P sits 3rd to the left of D who faces opposite direction with respect to R. Both Q and A are facing opposite direction with respect to B. The immediate neighbours of S are facing opposite direction to each other. B sits 2nd to the right of C who faces inside.

- (a) Q and R
- (b) S and C
- (c) B and D
- (d) Q and S
- (e) A and P

Ans.(d)

Q37. How many letter(s) will remain in the same position in the word 'JUNGLEBOOK' when they are arranged in alphabetical order from left to right?

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

Ans.(a)

Q38. How many persons have least book than C?

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

Seven persons are arranged according to the number of books they have in descending order from left to right. More than three persons have books between P and the one who has 40 books. T has 17 books which is 5th maximum. R has just more books to A who have not just more and just fewer books to T. M has more books to C but not more as E who does not have books in a multiple of 5. R does not have the highest number of books.

- (a) None
- (b) One
- (c) More than four
- (d) Two
- (e) None of these

Ans.(b)

Q39. What may be the possible number of books does M have?

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

Seven persons are arranged according to the number of books they have in descending order from left to right. More than three persons have books between P and the one who has 40 books. T has 17 books which is 5th maximum. R has just more books to A who have not just more and just fewer books to T. M has more books to C but not more as E who does not have books in a multiple of 5. R does not have the highest number of books.

- (a) 42
- (b) 13
- (c) 10
- (d) 21
- (e) 16

Ans.(d)

Q40. If A has 12 books more to T and P has 9 books less to T, then what is the sum of the number of books of A and P?

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

Seven persons are arranged according to the number of books they have in descending order from left to right. More than three persons have books between P and the one who has 40 books. T has 17 books which is 5th maximum. R has just more books to A who have not just more and just fewer books to T. M has more books to C but not more as E who does not have books in a multiple of 5. R does not have the highest number of books.

- (a) 22
- (b) 37
- (c) 47
- (d) 29
- (e) 28

Ans.(b)

Q41. Total male employees in A are what percent more than total female employees in C?

Read the data carefully and answer the questions.

There are total 700 employees in three companies - A, B and C. Total employees in A is 8% more than that of in C, while the ratio of total employees in B to that of in A is 2 : 3. The ratio of male employees in A to that of in B is 10 : 7. The total female employees in A are 60% more than total female employees in

B. Total male employees in C is $42\frac{6}{7}\%$ more than total male employees in B.

- (a) 50%
- (b) 60%
- (c) 55%
- (d) 45%
- (e) 40%

Ans.(a)

Q42. Find average numbers of female employees in A & C?

Read the data carefully and answer the questions.

There are total 700 employees in three companies - A, B and C. Total employees in A is 8% more than that of in C, while the ratio of total employees in B to that of in A is 2 : 3. The ratio of male employees in A to that of in B is 10 : 7. The total female employees in A are 60% more than total female employees in

B. Total male employees in C is $42\frac{6}{7}\%$ more than total male employees in B.

- (a) 150
- (b) 110
- (c) 130
- (d) 140
- (e) 120

Ans.(b)

Q43. Find total number of male employees in all three companies?

Read the data carefully and answer the questions.

There are total 700 employees in three companies - A, B and C. Total employees in A is 8% more than that of in C, while the ratio of total employees in B to that of in A is 2 : 3. The ratio of male employees in A to that of in B is 10 : 7. The total female employees in A are 60% more than total female employees in

B. Total male employees in C is $42\frac{6}{7}\%$ more than total male employees in B.

- (a) 405
- (b) 415
- (c) 400
- (d) 425
- (e) 395

Ans.(a)

Q44. Find the ratio of male employees in B to female employee in A?

Read the data carefully and answer the questions.

There are total 700 employees in three companies - A, B and C. Total employees in A is 8% more than that of in C, while the ratio of total employees in B to that of in A is 2 : 3. The ratio of male employees in A to that of in B is 10 : 7. The total female employees in A are 60% more than total female employees in

B. Total male employees in C is $42\frac{6}{7}\%$ more than total male employees in B.

- (a) 6 : 7
- (b) 7 : 9
- (c) 7 : 10
- (d) 7 : 12
- (e) 7 : 8

Ans.(e)

Q45. Find the difference between total male employees and total female employees in these three companies?

Read the data carefully and answer the questions.

There are total 700 employees in three companies - A, B and C. Total employees in A is 8% more than that of in C, while the ratio of total employees in B to that of in A is 2 : 3. The ratio of male employees in A to that of in B is 10 : 7. The total female employees in A are 60% more than total female employees in

B. Total male employees in C is $42\frac{6}{7}\%$ more than total male employees in B.

- (a) 130
- (b) 120
- (c) 110
- (d) 180
- (e) 160

Ans.(c)

Q46.

$$24.97\% \text{ of } 1459.98 - ? \% \text{ of } 1120.4 = 29.04$$

What approximate value should come in place of question mark (?) in following questions.

- (a) 34
- (b) 27
- (c) 25
- (d) 20
- (e) 30

Ans.(e)

Q47.

$$\sqrt{575.99} + \sqrt[3]{2743.99} - 2.01 = ?^2$$

What approximate value should come in place of question mark (?) in following questions.

- (a) 6
- (b) 7
- (c) 9
- (d) 4
- (e) 5

Ans.(a)

Q48. 10.98% of 11.04% of 10999.98 = ?

What approximate value should come in place of question mark (?) in following questions.

- (a) 121
- (b) 130
- (c) 137
- (d) 133

(e) 127

Ans.(d)

Q49.

$$20.94 \div 12.06 \times 15.99 \div 7.02 = ?$$

What approximate value should come in place of question mark (?) in following questions.

(a) 4

(b) 8

(c) 19

(d) 16

(e) 12

Ans.(a)

Q50.

$$120.03 \div \frac{5}{8} \text{ of } 24.08 \times 3.95 = ?$$

What approximate value should come in place of question mark (?) in following questions.

(a) 36

(b) 28

(c) 32

(d) 42

(e) 22

Ans.(c)

Q51. 124, 180, 225, 261, 290, 312, 335

Find out the wrong number in following number series:

(a) 124

(b) 312

(c) 290

(d) 225

(e) 261

Ans.(b)

Q52. 91, 235, 163, 199, 181, 190, 187.5

Find out the wrong number in following number series:

(a) 91

(b) 235

(c) 163

(d) 187.5

(e) 199

Ans.(d)

Q53. 380, 385, 393, 407, 433, 486, 581

Find out the wrong number in following number series:

- (a) 380
- (b) 385
- (c) 393
- (d) 486
- (e) 407

Ans.(d)

Q54. 128, 32, 96, 240, 840, 3780, 20790

Find out the wrong number in following number series:

- (a) 32
- (b) 96
- (c) 240
- (d) 840
- (e) 3780

Ans.(a)

Q55. 665, 630, 606, 591, 581, 580, 580

Find out the wrong number in following number series:

- (a) 606
- (b) 665
- (c) 581
- (d) 630
- (e) 591

Ans.(c)

Q56. 7260, 7240, 7210, 7120, 6850, 6040, 3610

Find out the wrong number in following number series:

- (a) 7210
- (b) 6850
- (c) 6040
- (d) 7240
- (e) 7260

Ans.(e)

Q57. The amount invested by P to Q is in the ratio of 2 : 3 and the amount invested by P and R is in the ratio of 5 : 7 respectively. If the profit earned by P at the end of year is Rs. 76 less than earned by R, then find the profit earned by Q?

- (a) Rs. 95
- (b) Rs. 228
- (c) Rs. 285
- (d) Rs. 380

(e) Rs. 114

Ans.(c)

Q58. The ratio of present age of Rita to Kapil is 3 : 4 age and age of Manish is $\frac{5}{3}$ times of Rita's present age. After ten years, the ratio of Manish, Rita and Kapil's age is 15 : 11 : 13. Find Rita's age five years ago ?

- (a) 6 years
- (b) 8 years
- (c) 9 years
- (d) 7 years
- (e) 5 years

Ans.(d)

Q59. A shopkeeper has two quality rice. Rice A is sold at Rs. 40 per kg and Rice B is sold at Rs. 25 per kg. He mixed both the rice together and sold the mixture at Rs. 36 per kg. Find the ratio of quantity of rice A to the total mixture?

- (a) 11 : 4
- (b) 4 : 11
- (c) 4 : 15
- (d) 11 : 15
- (e) None of these

Ans.(d)

Q60. A man invested a sum of Rs. 'P' for two years in scheme A at 20% p.a. on compound interest annually. The amount received at end of two years from scheme A, reinvested in scheme B for four years at 25% p.a. on simple interest. If total interest received from scheme B is Rs 1650 more than P, then find 'P'?

- (a) Rs 3550
- (b) Rs 2750
- (c) Rs 3450
- (d) Rs 3750
- (e) Rs. 3250

Ans.(d)

Q61. The ratio of length of train A to B is 5 : 4 and speed of train A is 90 km/hr. If train A crosses a pole in 12 seconds and train A crosses train B in 36 seconds while running in same direction, then find time taken by train B to cross a 400 meters long platform.

- (a) 10 seconds
- (b) 12 seconds
- (c) 15 seconds
- (d) 64 seconds
- (e) 18 seconds

Ans.(d)

Q62. A boat travels in upstream. If the speed of boat in upstream is decreased by 40% then it is equal to the speed of current and speed of boat in still water is given as 240 km/hr, then find upstream speed of boat? (In km/hr).

- (a) 120
- (b) 180
- (c) 150
- (d) 210
- (e) 125

Ans.(c)

Q63. A shopkeeper marks up the price of an article by 40% above cost price. He gives 25% discount on marked price and earns Rs 420 profit. Find his profit if he gives discount of 20% in place of 25%.

- (a) Rs 1204
- (b) Rs 1240
- (c) Rs 1180
- (d) Rs 1008
- (e) Rs 1080

Ans.(d)

Q64. A can complete 60% of a work in 9 days. A and B together can complete 20% of the same work in $\frac{7}{4}$ days. Find time taken by B to complete the work alone?

- (a) 25 days
- (b) 21 days
- (c) 18 days
- (d) 24 days
- (e) 15 days

Ans.(b)

Q65. Aakash bought a mobile worth Rs 12000 and paid a rent of Rs 9000 from his salary. If he used 70% of the monthly salary for buying mobile and paying rent together, then find his monthly salary.

- (a) Rs 20000
- (b) Rs 21000
- (c) Rs 79000
- (d) Rs 35000
- (e) Rs 30000

Ans.(e)

Q66. Find the ratio of total number of females visit P and Q together to total number of children visit R and S together?

Table given below shows total number of people visited four different national parks. Read the following table carefully and answer the questions given below.

National Park	Total number of people visited	% Of children visited	% Of male visited
P	2,400	10%	30%
Q	2,000	5%	40%
R	4,500	15%	50%
S	6,000	20%	45%

Note: only male, female and children visit in these four national parks.

- (a) 508 :375
- (b) 513 :370
- (c) 557 :379
- (d) 580 :349
- (e) 528 :311

Ans.(a)

Q67. Find the average no. of male visited S and P?

Table given below shows total number of people visited four different national parks. Read the following table carefully and answer the questions given below.

National Park	Total number of people visited	% Of children visited	% Of male visited
P	2,400	10%	30%
Q	2,000	5%	40%
R	4,500	15%	50%
S	6,000	20%	45%

Note: only male, female and children visit in these four national parks.

- (a) 1670
- (b) 1810
- (c) 1710
- (d) 1720
- (e) 2310

Ans.(c)

Q68. The total number of females visited S is what percent of the total number of males visited Q?
Table given below shows total number of people visited four different national parks. Read the following table carefully and answer the questions given below.

National Park	Total number of people visited	% Of children visited	% Of male visited
P	2,400	10%	30%
Q	2,000	5%	40%
R	4,500	15%	50%
S	6,000	20%	45%

Note: only male, female and children visit in these four national parks.

- (a) 291.5%
- (b) 277.5%
- (c) 232.5%
- (d) 215.5%
- (e) 262.5%

Ans.(e)

Q69. Find the difference between the total number of children visited P & S together and total number of females visited Q & R together?

Table given below shows total number of people visited four different national parks. Read the following table carefully and answer the questions given below.

National Park	Total number of people visited	% Of children visited	% Of male visited
P	2,400	10%	30%
Q	2,000	5%	40%
R	4,500	15%	50%
S	6,000	20%	45%

Note: only male, female and children visit in these four national parks.

- (a) 1460
- (b) 1955
- (c) 1235
- (d) 1825
- (e) 1145

Ans.(c)

Q70. Find the total number of females visited R, Q and S together?

Table given below shows total number of people visited four different national parks. Read the following table carefully and answer the questions given below.

National Park	Total number of people visited	% Of children visited	% Of male visited
P	2,400	10%	30%
Q	2,000	5%	40%
R	4,500	15%	50%
S	6,000	20%	45%

Note: only male, female and children visit in these four national parks.

- (a) 5565
- (b) 4775
- (c) 4535
- (d) 4825
- (e) 4790

Ans.(b)

Q71. A milkman mixed $(y+30)$ liters of water in 150 liters of milk and then again replaced 35 liters of the mixture with milk. If quantity of milk in the final mixture is 160 liters, then find 'y'?

- (a) 45 liters
- (b) 40 liters
- (c) 35 liters
- (d) 30 liters
- (e) 25 liters

Ans.(d)

Q72. Speed of fan is successively reduced by 10% and 15%, and if speed of fan is successively reduced by 20% and Z% so that overall change of speed is same as previous change then, find 'Z'?

- (a) 4.275%
- (b) 4.375%
- (c) 3.375%
- (d) 3.275%
- (e) 4.625%

Ans.(b)

Q73. Cost price of an article is Rs.100 and discount given on the article is Rs.4 more than the profit earned on it. If ratio of selling price to marked price of the article is 41 : 50 then find the discount offered?

- (a) Rs. 31.5
- (b) Rs. 30

- (c) Rs. 36
(d) Rs. 25
(e) Rs. 27

Ans.(e)

Q74. a, b, c and d are four consecutive numbers, if the sum of 'a' and 'c' is 124, what is the product of 'b' and 'd'?

- (a) 4032
(b) 3782
(c) 3906
(d) 3904
(e) 3968

Ans.(e)

Q75. The height of a triangle is equal to the perimeter of a square whose diagonal is $9\sqrt{2}$ metre and the base of the same triangle is equal to the side of the another Square whose area is 784 m^2 . What is the area of the triangle (In m^2).

- (a) 504
(b) 558
(c) 478
(d) 522
(e) 496

Ans.(a)

Directions (76-80): Line chart given below shows the number of laptops & Desktops sold by five different shops (A, B, C, D and E). Study the line chart given below and answer the following questions.



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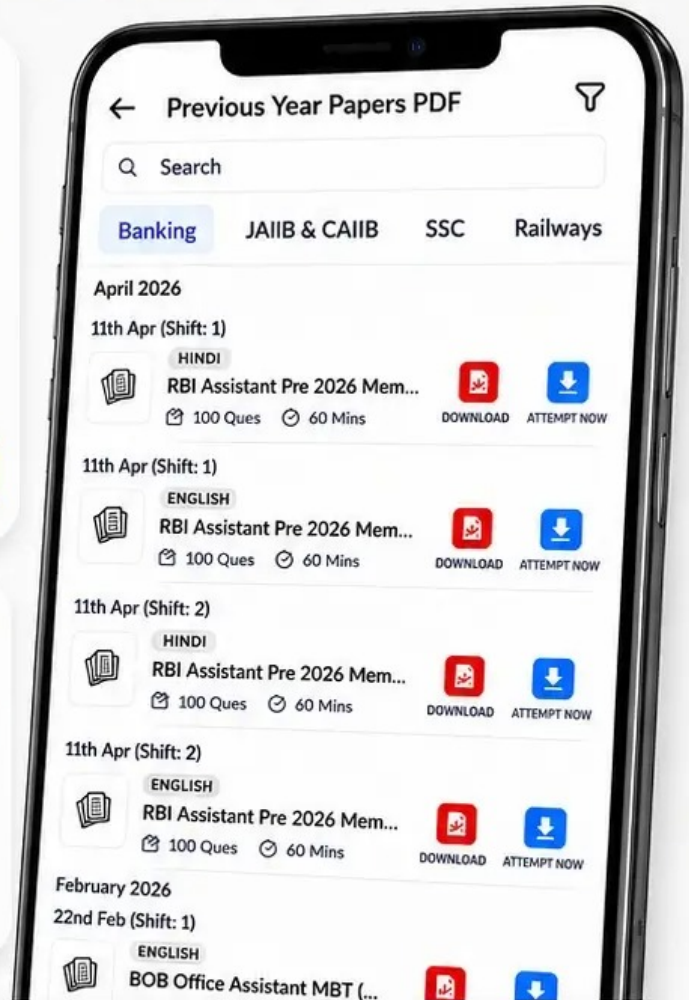
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Q76. Total number of Laptops & Desktops sold by shop A are what percent more or less than total Desktops sold by B & E together?

- (a) 80%
- (b) 30%
- (c) 50%
- (d) 20%
- (e) 60%

Ans.(d)

Q77. The ratio of 4GB to 8GB laptops & Desktops sold by shop C is 3: 2 & 5: 3 respectively. Find the ratio of total number of 4GB (Laptops + Desktops) sold by shop C to total number of Laptops sold by shop B?

- (a) 7: 5
- (b) 23: 15
- (c) 3: 2
- (d) 21: 13
- (e) 4: 3

Ans.(b)

Q78. Total number of Laptops sold by shop C & E together are what percent of total number of Laptops & Desktops sold by shop D?

- (a) $233\frac{1}{3}\%$
- (b) $266\frac{2}{3}\%$
- (c) 250%
- (d) 225%
- (e) 275%

Ans.(a)

Q79. If total Laptops sold by shop X are 90 more than total Laptops sold by shop E and ratio of 4GB to 8GB Laptops sold by B & X is 11:9 and 3:7 respectively, then find number of 8GB Laptops sold by shop B & X together?

- (a) 145
- (b) 128
- (c) 134
- (d) 166
- (e) None of the above.

Ans.(d)

Q80. The average number of Desktops sold by shops B, C & D are how much more or less than total number of Laptops sold by shop A & E together?

- (a) 10
- (b) 20
- (c) 30
- (d) 50
- (e) 40

Ans.(c)