RRB PO Pre Memory Based 2020

Q1. If 2 is subtracted from each even digit and 1 is added to each odd digit in the given number **'2145673',** then how many digits will appear more than one in the new number thus formed?
(a) None
(b) One
(c) Two
(d) Three
(e) None of these

Directions (2-6): Study the following information carefully and answer the question given below-

Eight persons live in a building of four floors such that ground floor is numbered 1 and floor above it is 2 and so on up to 4th floor. Each of the floor consist of 2 flats as flat-P, which is in west of flat Q. Flat-P of floor-2 is immediately above flat-P of floor-1 and immediately below flat-P of floor-3 and in the same way flat-Q of each floor follow same pattern.
A lives on an even numbered floor. A lives just above the flat of E. B lives to the west of E. One floor gap between D and C. H lives in the east of D. G lives on the 3rd floor. Both F and C live in the different flats.

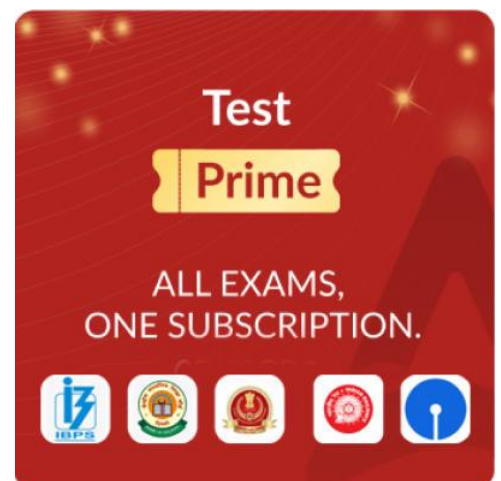**Q2.** Who among the following lives just below the flat in which G lives?
(a) B
(b) C
(c) A
(d) Both (b) and (c)
(e) None of these

Q3. How many floors gap between B and H?
(a) None
(b) Two
(c) One
(d) Either (a) or (c)
(e) Either (b) or (c)

Q4. What is the direction of G with respect to E?
(a) South
(b) North-east
(c) North
(d) East
(e) North-west

Q5. Which of the following floor does C lives?
(a) Floor-1
(b) Floor-4
(c) Floor-3
(d) Floor-2
(e) None of these

Q6. Which of the following is true regarding H?
(a) Floor 4 – Flat P
(b) Floor3 – Flat Q
(c) Floor 2- Flat P
(d) Floor4- Flat Q
(e) Floor1- Flat Q

Direction (7-11): Study the following information carefully and answer the questions given below:

In a certain code language
'plan to go exam' is coded as 'oj kr mn pc'
'exam today easy' is coded as 'si oj ly'
'plan your exam today' is coded as 'zm oj si mn '
'make your plan today' is coded as 'zm si mn rk'

Q7. What is the code of 'make' as per the given code language?
(a) zm
(b) mn
(c) rk
(d) pc
(e) None of these

Q8. What is the code of 'exam' as per the given code language?
(a) rk
(b) pc
(c) kr
(d) oj
(e) None of these

Q9. What is the code of 'go' as per the given code language?
(a) pc
(b) si
(c) kr
(d) either 'pc' or 'kr'
(e) None of these

Q10. What is the code of 'exam today' as per the given code language?
(a) si oj
(b) mn kr
(c) lv si
(d) zm oj
(e) None of these

Q11. If 'easy to plan' is coded as 'mn ly pc' then what is the code of 'go' as per the given code language?
(a) pc
(b) zm
(c) kr
(d) mn
(e) None of these

Q12. How many pairs of letters are there in the word "**GRANDUAL**" each of which have as many letters between them in the word as they have between them in the English alphabetical series??
(a) Three
(b) Four
(c) Two
(d) One
(e) Five

Directions (13-15): Study the information carefully and answer the questions given below.

Point P is 26m west of point S. Point G is 52m north of point P. Point M is 39m east of point G and point K is 13m south of point G. Point H is 39m north of point S.

Q13. In which direction point P with respect to point M?
(a) South
(b) South-east
(c) North-east
(d) East
(e) None of these

Q14. What is the shortest distance between point K and point H?
(a) 13m
(b) 26m
(c) 39m
(d) 25m
(e) None of these

Q15. If Point Z is 13m north of point H, then what is the distance between point M and point Z?
(a) 13m
(b) 26m
(c) 39m
(d) 25m
(e) None of these

Directions (16-20): Study the following information carefully and answer the question given below-

Seven persons D, G, P, L, J, U and Q are sitting in a row facing to the north. They all have of different ages. D sits 3rd from one of the extreme ends of the row. Q sits 2nd to the right of D. The number of persons sit to the left of Q is same as the number of persons sit to the right of G, who is 20 years old. P sits 4th to the left of the one who is 35 years old. Q is not 35 years old. Total age of immediate neighbours of D is 75 years. J is 30 years old. P is 20 year older than one of his immediate neighbours. U sits to the right of L, who sits immediate to the left of the one who is 25 years old. Q is 5 year younger than P.

Q16. The number of persons sit between L and Q is same as the number of persons sit between P and ____?
(a) D
(b) G
(c) U
(d) Q
(e) None of these

Q17. What is the position of J with respect to Q?
(a) 2nd to the left
(b) Immediate left
(c) Immediate right
(d) 4th to the left
(e) 3rd to the right

Q18. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?
(a) P
(b) G
(c) J
(d) L
(e) U

Q19. Who among the following is 40 years old?
(a) L
(b) P
(c) D
(d) U
(e) None of these

Q20. Which of the following statement is true?
(a) J sits to the right of L
(b) D sits 3rd to the right of G
(c) P sits at one of the extreme ends
(d) None is true
(e) Q sits immediate right of the one who is 35 years old

Directions (21): Study the following information carefully and answer the given questions.

Six persons i.e. P, Q, R, S, T and U was born on different days of the same week starting from Monday to Saturday, but not necessarily in the same order. P was born on Friday. Two persons were born between U and P. One person was born between R and S. If T was born immediate before S, then who among the following person was born on Wednesday?
(a) U
(b) R
(c) S
(d) T
(e) None of these

Directions (22-26): Study the following information carefully and answer the question given below-

Ten boxes are placed one above the other. Four boxes are placed between J and M. Two boxes are placed between J and k, which placed above of the J. L is placed just below K. The number of boxes between L and M is same the number of boxes between M and Q. T is placed just above Q. Y is placed just above O. X is adjacent to M. P is placed below X.

Q22. How many boxes are placed between O and L?
(a) One
(b) More than Five
(c) Four
(d) Three
(e) Two

Q23. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?
(a) T-Y
(b) X-L
(c) K-P
(d) Q-O
(e) M-Q

Q24. Which of the following statement is true?
(a) L is 3rd from the topmost position
(b) Two boxes placed between K and M
(c) Q is above P
(d) T is placed at bottommost position
(e) Three boxes placed between Y and M

Q25. What is the position of Y from the bottommost?
(a) Seven
(b) Eight
(c) Six
(d) Five
(e) Three

Q26. If T and O interchange their positions then which among the following box is placed just below O?
(a) Y
(b) X
(c) K
(d) Q
(e) None of these

Directions (27-31): Study the following information carefully and answer the question given below-

A certain number of persons sit in a row facing to the north direction. L sits 3rd to the left of M. Five persons sit between M and N. J sits immediate to the right of M. Three persons sit between Q and J. Q does not sit next to N. N is 7th from one of the ends. The number of persons sit to the right of Q is four more than the persons who sit to the left of N. K sits 2nd from one of the ends and sit to the right of M.

Q27. How many persons sit in the above arrangement?
(a) 25
(b) 26
(c) 28
(d) 24
(e) None of these

Q28. If two persons sit between X and N, then what is the position of X with respect to L?
(a)4th to the left
(b) 6th to the left
(c) 5th to the right
(d) 3rd to the left
(e) 7th to the left

Q29. How many persons sit between L and J?
(a) Five
(b) None of these
(c) Seven
(d) Four
(e) Three

Q30. What is the position of L with respect to Q?
(a) 8th to the right
(b) 8th to the left
(c) 6th to the right
(d) 5th to the left
(e) None of these

Q31. How many persons sit to the right of the one, who sits immediate left of J?
(a) Ten
(b) Seven
(c) None of these
(d) Eight
(e) Eleven

Directions (32-35): In these questions, relationships between different elements are shown in the statements. These statements are followed by two conclusions. Give answer
(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.

Q32. Statements: $Z > O = G < I \leq S > P$
Conclusions: I. $S > O$ **II.** $P > G$

Q33. Statements: $K \geq M > W \geq T \leq Y < Q$
Conclusions: I. $T < Q$ **II.** $T < K$

Q34. Statement: $J \leq V < R > M, L > M = I \geq H$
Conclusions: I. $V \geq H$ **II.** $H \leq M$

Q35. Statement: $I = H \geq B \geq N < D > L$
Conclusions: I. $B < N$ **II.** $L > H$

Directions (36-40): Study the following information carefully and answer the question given below-

Nine persons sit around a circular table. Some of them are facing to the centre while some are facing outside the centre. C sits 2nd to the right of A, who faces inside. Two persons sit between C and G. J sits 3rd to the left of G. L sits 2nd to the left of J, who does not sit next to C. B sits 3rd to the right of L and is an immediate neighbour of P. K sits 4th to the right of H, who does not sit near J. Both B and P face same direction as A. C and G face opposite direction to each other. K does not face outside.

Q36. What is the position of P with respect to K?
(a) 3rd to the right
(b) 2nd to the left
(c) Immediate left
(d) 3rd to the left
(e) 5th to the right

Q37. How many persons sit between J and H, when counted from the left of H?
(a) Five
(b) Six
(c) Four
(d) One
(e) Three

Q38. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?
(a) C-H
(b) L-K
(c) B-J
(d) H-L
(e) B-P

Q39. How many persons sit between G and H, when counted from the left of G?
(a) Three
(b) Five
(c) Two
(d) Four
(e) None of these

Q40. How many persons face outside from the centre?
(a) Three
(b) Four
(c) None of these
(d) Six
(e) Five

Solutions

S1. Ans. (c)
Sol.
2 1 4 5 6 7 3
0 **2 2** 6 **4** 8 **4**

Directions (2-6):

Floors	Flat-P	Flat-Q
4	D	H
3	G	F
2	C	A
1	B	E

S2. Ans. (b)
S3. Ans. (b)
S4. Ans. (e)
S5. Ans. (d)
S6. Ans. (d)

Direction (7-11):

Words	Codes
Plan	mn
To	kr/pc
Go	pc/kr
Exam	oj
Easy	ly
Today	si
Your	zm
Make	rk

S7. Ans.(c)
S8. Ans.(d)
S9. Ans.(d)
S10. Ans.(a)
S11. Ans.(c)

S12. Ans.(c)
Sol.

GRANDUAL

Direction (13-15):
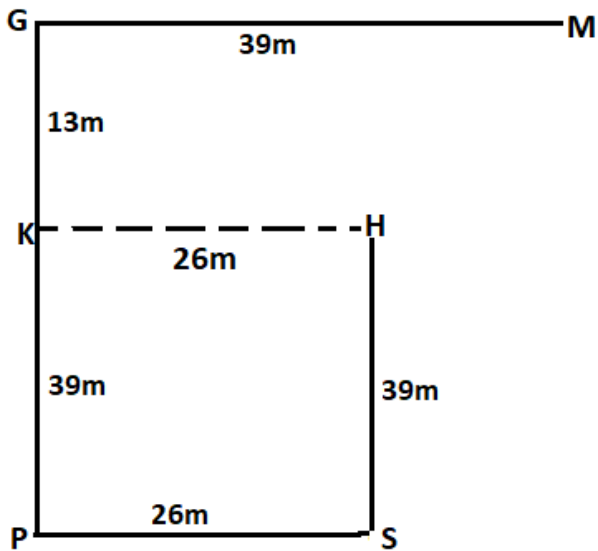
S13. Ans.(e)
S14. Ans.(b)
S15. Ans.(a)

Directions (16-20):

G	P	J	L	D	U	Q
20	50	30	40	25	35	45
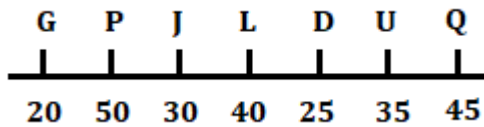
S16. Ans. (a)
S17. Ans. (d)
S18. Ans. (e)
S19. Ans. (a)
S20. Ans. (e)

S21. Ans. (d)
Sol.

Days	Persons
Monday	Q
Tuesday	U
Wednesday	T
Thursday	S
Friday	P
Saturday	R

Directions (22-26):

Boxes
T
Q
Y
O
M
X
K
L
P
J

S22. Ans. (d)
S23. Ans. (e)
S24. Ans. (c)
S25. Ans. (b)
S26. Ans. (d)

Directions (27-31):

N   L   M J   Q   K
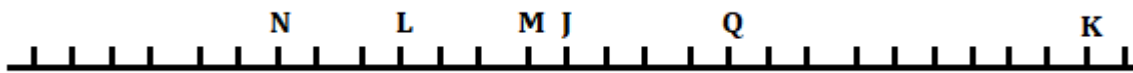
S27. Ans. (c)
S28. Ans. (b)
S29. Ans. (e)
S30. Ans. (b)
S31. Ans. (c)

S32. Ans.(a)
Sol. I. S > O (True)   **II.** P > G(False)

S33. Ans. (e)
Sol. I. T < Q (True)   **II.** T < K (True)

S34. Ans. (b)
Sol. I. V ≥ H(False)   **II.** H ≤ M (True)

S35. Ans. (d)
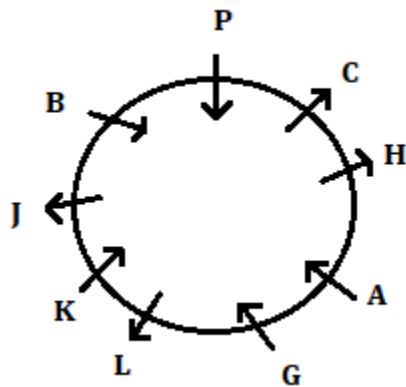**Sol. I.** B < N (False)   **II.** L > H (False)

Directions (36-40):

S36. Ans. (d)
S37. Ans. (e)
S38. Ans. (d)
S39. Ans. (e)
S40. Ans. (b)