MEMORY BASED RRB CLERK PRE 2020

Reasoning

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BASED ON 12TH SEPTEMBER 2020
IBPS RRB Clerk Prelims 2020 Memory Based (Reasoning)

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1. Statements: Some Monday are Blue. All Day are Fun. Some Blue are Fun.

Conclusions: I. Some Monday are not Fun. II. All Blue are Day is a possibility.
(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.

2. **Statements:** Some Moon are Rays.
   All Rays are Sun.
   Some Light are Sun.

**Conclusions:**
I. Some Moon are light is a possibility.
II. No Rays is Light.
(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.

3. Statement: Only a few train is bus. No bus is car. Some car is plane.
   Conclusions: I. All plane can be car.
   II. All bus can be train.
(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 conclusion I and conclusion II follow.

4. Statement: Some nail is paint. Only a few paint is cream. No cream is face.
   Conclusions: I. Some face is nail.
   II. All paint can be face.
(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 conclusion I and conclusion II follow.

5. Statement: All student is union.
   Only a few union is class.
   Only Some class is large.
   Conclusions: I. All union can be class.
   II. Some student is not large.
(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.

Directions (6-10): Study the following information carefully and answer the questions given below:

Seven persons i.e. A, B, C, D, E, F and G sits in a row facing north direction but not necessarily in the same order. Two persons sit between A and E. C sits immediate left of A. F sits second to the left of E. More than one persons sit to the left of F. D is the only neighbour of B. More than one person sits between G and D.

6. How many persons sit between D and A?
   (a) One
   (b) Two
   (c) Three
   (d) Four
   (e) Five

7. Who among the following person sits second to the left of G?
   (a) D
   (b) A
   (c) E
   (d) F
   (e) None of these

8. Four of the following five are alike in a certain way and hence form a group find the one which does not belong to that group?
   (a) B-C
   (b) D-A
   (c) C-F
   (d) A-G
   (e) C-E

9. Which of the following statement is true regarding A?
   (a) A sits exactly at the middle of the row
   (b) A sits immediate left of C
   (c) Two persons sit between A and F
   (d) A sits immediate right of G
   (e) None is true

10. If F and C interchange their position then who sits immediate left of C?
    (a) D
    (b) A
    (c) B
    (d) E
    (e) G
Directions (11-15): Study the information carefully and answer the questions given below.

Eight friends A, B, C, D, E, F, G and H sit around a square table in such a way that four of them sit at four corners of the square and face outside the center while the other four sit in the middle of each sides and face towards center.

One person sits between A and H. E sits second to the right of A. G sits third to the right of B. One person sits between B and D. C does not sit opposite to D and F is not immediate neighbour of A. F does not face D.

11. Who among the following persons sits second to the left of C?
   (a) F  
   (b) D  
   (c) A  
   (d) G  
   (e) None of these

12. How many persons sit between G and D, when counted to the right of D?
   (a) Three  
   (b) One  
   (c) Two  
   (d) None  
   (e) More than three

13. Four of the following five are alike in certain way and hence they from a group, find the one that does not belong to that group?
   (a) G  
   (b) A  
   (c) C  
   (d) E  
   (e) H

14. Who among the following persons sit at middle of side?
   (a) D  
   (b) C  
   (c) A  
   (d) F  
   (e) B

15. Who among the following persons sit at corner of side?
   (a) A  
   (b) C  
   (c) E  
   (d) H
Directions (16-18): Study the information carefully and answer the questions given below.

A certain number of persons are sitting in a row facing north. S sits third to the right of M. Three persons sit between M and N. T sits second to the left of M. One person sits between N and Q who is not an immediate neighbour of S. Q sits at one of the extreme ends. Not more than two persons sit between Q and S.

16. How many minimum possible number of persons are sitting in the row?
   (a) Eight
   (b) Six
   (c) Five
   (d) Nine
   (e) None of these

17. How many persons are sitting between M and Q?
   (a) Six
   (b) Three
   (c) Five
   (d) Two
   (e) None of these

18. If ‘P’ sits immediate left of M, then what is the position of ‘S’ with respect to P?
   (a) Fourth to the right
   (b) Second to the left
   (c) Third to the left
   (d) Immediate right
   (e) None of these

Direction (19-20): These questions are based on the following information.

Six persons A, B, C, D, E and F are comparing their weights and each of them is having a different weight. D is heavier than only two persons. E is the only person heavier than F and lighter than D. C’s weight is less than only B’s weight. The third heaviest weight is 100kgs and the fifth heaviest weight is 60kgs.

19. What is the possible weight of D?
   (a) 60kgs
   (b) 100kgs
   (c) 105kgs
   (d) 75 kgs
   (e) Data inadequate
20. Who is the third heaviest?

(a) D
(b) E
(c) A
(d) B
(e) Data inadequate

Directions (21-25): The following questions are based on the five three-letter words given below:
FAN  HOP  GET  CUB  MID
(Note: The words formed after performing the given operations may or may not be meaningful English words.)

21. If the positions of the first and second letters of all the words are interchanged, how many words will form meaningful English words?

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

22. If all the letters in each of the words are arranged alphabetically (within the word), how many words will remain unchanged?

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

23. If the first of all the words is changed to the next letter of the English alphabetical series, how many words will have more than one vowel? (Same or different vowel)

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

24. If the last letter of all the words is changed to the previous letter of the English alphabetical series, how many words will have more than one vowel? (Same or different vowel)

(a) None
(b) Three
(c) Two
(d) More
25. If the Middle letter of all the words is changed to the next letter of the English alphabetical series, how many words will have more than one Consonant? (Consonant same or different )
   (a) Five (b) Three
   (c) Two (d) More
   (e) One

Direction (26-30): Study the following alphanumeric series carefully and answer the questions given below:
D % G $ & H J R 6 Y # I L 9 $ 7 @ V 1 X A 8 %
26. How many numbers in the series are preceded as well as followed by alphabets?
   (a) None
   (b) One
   (c) Three
   (d) Two
   (e) More than three
27. If we eliminated all the numbers in this series then, which of the following element is 5th to the right of H?
   (a) Y.
   (b) #
   (c) I.
   (d) L.
   (e) None of these
28. How many numbers in the series are preceded as well as followed by symbols?
   (a) Three
   (b) One
   (c) None
   (d) Two
   (e) More than three
29. Which of the following element is 4th to the left of the element which is 5th from right end?
30. If we eliminated all alphabets in this series then, which of the following element is 4th to the left of @?
(a) 6
(b) #
(c) $
(d) 7
(e) None of these

Directions (31-35): Study the following information carefully and answer the questions given below:
Six persons S, T, U, V, X, Y are born on two different dates 11th and 28th of three given months viz. September, October, & November. Only one person is born between S and U and both of them are born on an odd date of the month. T born in a month having 30 days but before U. More than three persons born between X and Y. X born before Y. More than one person born between S and Y.

31. Who among the following born on 11th of November?
(a) X
(b) T
(c) S
(d) U
(e) None of these

32. Who among the following born immediately before T?
(a) W
(b) X
(c) S
(d) U
(e) None of these

33. How many persons born between V and X?
(a) One
(b) Three
(c) Four
(d) Two
34. S born in which of the following month?
(a) November
(b) September
(c) December
(d) October
(e) Either October or December
35. Which of the following pair born in the same month?
(a) S and Y
(b) X and V
(c) U and V
(d) T and Y
(e) U and Y
S=36-38): Study the following information carefully and answer the questions given below:
Anshul is starting walk from his Office. He walks 5m in North and reaches at point S then, he turns left and walks 8m to reach at point T. Again, he turns left and walks 10m to reach at point U. Now, he turns right and walks 4m to reach his home.
36. What is the direction of point S with respect to U?
(a) North
(b) South
(c) North-west
(d) South-west
(e) None of these
37. What is the direction of Anshul’s home with respect to his office?
(a) North-east
(b) South-east
(c) North-west
(d) South-west
(e) None of these
38. What is the shortest distance between Anshul’s office and home?
(a) 10m
(b) 11m
(c) 12m
(d) 13m
(e) None of these
39. Six persons A, B, C, D, E and F are comparing their weights and each of them is having a different weight. D is heavier than only two persons. E is the only person heavier than F and lighter than D. C’s weight is less than only B’s weight. The third heaviest weight is 100kgs and the fifth heaviest weight is 60kgs.
If the heaviest weight is 30kgs more than A's weight, then what is the possible weight of C?

(a) 130
(b) 100
(c) 115
(d) 90
(e) Data inadequate

40. There 46 people in a row. Raj is 26th person from the right side of the row. Rohan is a 32nd person from the left side of the row. Find out the total number of people sitting between these two.

(a) 16
(b) 14
(c) 18
(d) 20
(e) 10

1. Ans: B
   Exp:

2. Ans: A
   Exp:
Directions (6-10):
It is given that two persons sit between A and E. C sits immediate left of A. F sits second to the left of E.

**Case 1**

```
C   A   F   E
```

**Case 2**

```
F   E   C   A
```

More than one person sits to the left of F. Thus case 2 get eliminated. D is the only neighbour of B. More than one person sits between G and D. Thus our final arrangement is
6. Ans.(a)
7. Ans.(b)
8. Ans.(e)
9. Ans.(a)
10. Ans.(b)

Direction (11-15):
Exp: From the given statements, One person sits between A and H. E sits second to the right of A. G sits third to the right of B. One person sits between B and D. Here we get two possibilities i.e. case-1 and case-2.

Now, C does not sit opposite to D and F is not immediate neighbour of A. F does not face D. Here case-1 ruled out. So, the final arrangement will be:

11. Ans.(a)
12. Ans.(e)
13. Ans.(c)
14. Ans.(c)
15. Ans (b)

Directions (16-18): As per the given statements, S sits third to the right of M. Three persons sit between M and N. So, here we have 2 possible cases i.e. case-1 and case-2. T sits second to the left of M. One person sits between N and Q who is not an immediate neighbour of S.

**CASE 1**

Q  N  T  M  S

**CASE 2**

T  M  S  N  Q

Q sits at one of the extreme ends. Not more than two persons sit between Q and S. So, case 1 gets eliminated here and the final arrangement is:

T  M  S  N  Q

16. Ans. (d)

17. Ans. (c)

18. Ans. (a)

19. Ans: (d)

20. Ans: (c)

**B > C > A(100kg) > D > E(60kg) > F**

Directions (21-25):

21. Ans. (a)

Sol.  FAN ⇒ AFN, HOP ⇒ OHP, GET ⇒ EGT, CUB ⇒ UCB, MID ⇒ IMD

Hence, none such word can be formed if the first and second letters of all the words are interchanged.

22. Ans. (c)

Sol.  FAN ⇒ AFN, HOP ⇒ HOP, GET ⇒ EGT, CUB ⇒ BCU, MID ⇒ DIM

Hence, only word HOP remain unchanged if all the letters in each of the words are arranged alphabetically.

23. Ans. (e)

Sol.  FAN ⇒ GAN, HOP ⇒ IOP, GET ⇒ HET, CUB ⇒ DUB, MID ⇒ NID

Hence, only word HOP has more than one vowel if the first letter of all the words is changed to the next letter of the English alphabet

24. Ans: (c)

HOO, CUA

25. Ans: A

26. Ans: D
Exp: **R6Y, V1X**

27. Ans: C

Exp: I.

28. Ans: B

Exp: **$7@$**

29. Ans: C

Exp: $\$

30. Ans: B

Exp: #

**Solutions (31-35):**

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<tr>
<td>September (30)</td>
<td>X</td>
<td>T</td>
</tr>
<tr>
<td>October (31)</td>
<td>S</td>
<td>V</td>
</tr>
<tr>
<td>November (30)</td>
<td>U</td>
<td>Y</td>
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31. Ans. (d)

32. Ans. (b)

33. Ans. (d)

34. Ans. (d)

35. Ans. (e)

36. Ans: (e)

Exp:

```plaintext
T

8m

S

5m

Anshul’s office

10m

Anshul’s home
```

37. Ans: D

Exp: Anshul’s home
38. Ans: D

39. (c)

\[ B > C > A(100\text{kg}) > D > E(60\text{kg}) > F \]

40. (b)

So, total number of people = \((26 + 32) - 46 - 2 = 58 - 44 = 14\) people
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