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RRB Clerk Prelims

Memory Based Paper
18 Aug, 2024 Shift 1

80 Questions

Que. 1 | **Direction:** Study the following information to answer the given questions:

Seven boxes P, Q, R, S, T, U and V are kept one above another to form a stack. The topmost box is numbered as 1, the box below it as 2 and so on till the lowermost box which is 7. Equal number of boxes are above and below box R. There is one box between box R and box U. Box P is just above box V, which is an even-numbered box. Box T is above box S and neither box T nor S is adjacent to box R.

Which box is just above box R?

1. Box Q
2. Box P
3. Box V
4. Box T
5. Box S

Correct Option - **1**

Que. 2 | Which of the following statement is correct?

1. Box U is just below box Q
2. Box R is an odd numbered box
3. Box T is the topmost box
4. Two boxes are above box P
5. All statements are correct

Correct Option - **3**

Que. 3 | If all the boxes are arranged in reverse alphabetical order from top to bottom then which box remains in the same position?

1. V
2. S
3. T
4. P
5. U

Correct Option - **5**

Que. 4 | How many boxes are above box V?

1. Two
2. Five
3. Three
4. Four

5. Six

Correct Option - **2**

Que. 5 Box _____ is the bottommost box.

1. S
2. T
3. U
4. V
5. P

Correct Option - **1**

Que. 6 If in the word "AUTOMATIC" all the vowels changes to the next consonant then the word is rearranged in alphabetical order. What is the third letter from the right end?

1. B
2. C
3. I
4. T
5. U

Correct Option - **4**

Que. 7 **Direction**: Read the following information carefully and answer the given questions.

A certain number of persons are sitting in a linear row facing north. D is sitting second from the extreme end. Three persons are sitting between D and E. G sits immediately right of E. The number of persons sitting between G and H is the same as the number of persons sitting to the left of F. F is sitting third to the right of J. J is sitting at one of the extreme ends. H is not an immediate neighbor of D. E is sitting to the left of H. Not more than five persons are sitting to the right of E.

What is the position of H with respect to E?

1. Fourth to the left
2. Fifth to the right
3. Second to the right
4. Fifth to the left
5. Fourth to the right

Correct Option - **2**

Que. 8 Who among the following person sits second to the left of F?

1. the one who is sitting immediately left of H.
2. G
3. The one who is sitting immediately right of J.

4.   H

5.   the one who is sitting immediately right of E.

Correct Option - **3**

Que. 9   Which of the following statements is/are true?

I. Twelve persons are sitting in the row.

II. Three persons are sitting between G and H.

III. G is sitting immediately left of E.

1.   Only II

2.   Only II and III

3.   Only I

4.   Only I and II

5.   Only III

Correct Option - **1**

Que. 10   **Directions:** In the given question below are given two statements followed by two conclusions numbered I and II. 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.

Statements:

Some doors are open.

No open is close.

Conclusions:

I. All doors are open.

II. Some doors are not close.

1.   Only I follows

2.   Only II follows

3.   Both I and II follows

4.   Neither I nor II follows

5.   Either I or II follows

Correct Option - **2**

Que. 11   **Direction:** In the question below are given three statements followed by two conclusions numbered I and II. 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.

Statements:

Only a few bottles are cups.

Few goggles are bottles.

No mouse is cups.

Conclusion:

I. At least some bottles are mouse.

II. All cups being goggles is a possibility.

1. Only II follows
2. Only I follows
3. Either I or II follows
4. Neither I nor II follows
5. Both I and II follow

Correct Option - **1**

Que. 12   **Direction:** In the question below are given three statements followed by two conclusions numbered I and II. 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.

Statement:

Only a few crickets are football.

Some football are Stops.

No radio is crickets.

Conclusion:

I. All crickets being radio is a possibility.

II. Some radio are definitely not stops.

1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusion follows
4. Either conclusion I or II follows
5. Neither conclusion I nor II follows

Correct Option - **5**

Que. 13   **Directions:** Study the following information carefully to answer the given questions:

K # P 3 ? N U = 6 I Z L ↑ @ V M 8 C 2 ↓ G 9 E > 4 H % 5 J * &

If all the even digits are skipped from the sequence then which of the following elements is fifth to the right of '@'?

1. 9
2. ↓
3. E
4. G
5. C

Correct Option - **4**

Que. 14

What is the sum of the second prime number from right end and the second composite number from left end?

1. 10
2. 12
3. 15
4. 17
5. None of these

Correct Option - **1**

Que. 15 Four of the following five are alike in a certain way based on their positions in the above arrangement and thus form a group. Which of the following does not belong to that group?

1. >H%
2. #3?
3. V82
4. IL↑
5. %J*

Correct Option - **3**

Que. 16 If all the numbers in the series have been dropped and the remaining elements have reversed their positions starting from the left end to the right end, then which element will be 7th to the right of 12th element from the left end?

1. @
2. U
3. =
4. Z
5. ?

Correct Option - **2**

Que. 17 In the following series find the missing element.

K, P, N, Z, L, ___ ?

1. M
2. 8
3. V
4. C
5. @

Correct Option - **3**

Que. 18 How many pairs of letters are there in the word "MARKETING" that have the same number of letters between them in the word (in both forward and backward directions), as they have in the English alphabetical series?

1. Three
2. Two
3. Four
4. One
5. Five

Correct Option - **4**

Que. 19 **Directions**: Read the following information carefully and answer the questions.

There are six persons A,B,C,D,E,and F are getting different marks. B gets more marks than A but less than D. B gets more marks than E. F gets more marks than C but lower marks than E. C gets more marks than at least one person.

Note: All the marks are in whole numbers.

The number of persons who score more than E is one less than the number of persons who score less than?

1. F
2. D
3. A
4. E
5. B

Correct Option - **4**

Que. 20 If the average of A, C, and E is 17 then what is the possible highest score of F?

1. 35
2. 18
3. 51
4. 49
5. 54

Correct Option - **1**

Que. 21 **Direction: Study the following information carefully and answer the questions given below.**

There are six persons i.e. A, D, R, B, E, and V who lives in a building having three floors such that the ground floor is numbered 1 and above it is 2 and so on up to the top floor is numbered 3. Each of the floors consists of 2 flats - 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 east of Flat 1.

No one lives to the east of B. V lives in a flat on floor 1. E lives immediately below A. R lives immediately below B. R lives below E but in different flat.

D lives on which floor and in which flat?

1. Floor 2 and Flat 2
2. Floor 3 and Flat 2

3. Floor 1 and Flat 1
4. Floor 1 and Flat 2
5. Floor 3 and Flat 1

Correct Option **- 2**

Que. 22 Who among them lives on the flat - 2 of floor - 1?

1. R
2. None
3. A
4. E
5. V

Correct Option **- 1**

Que. 23 From the final arrangement, A is related to E the same way B is related to R, then who among the following will be related to B?

1. V
2. R
3. A
4. D
5. None

Correct Option **- 4**

Que. 24 If D interchange her flat with B's flat, then B will live on which floor and in which flat?

1. Floor 3 and Flat 2
2. Floor 1and Flat 2
3. Floor 2 and Flat 2
4. Floor 2 and Flat 1
5. Floor 3 and Flat 1

Correct Option **- 1**

Que. 25 E is in which flat and floor?

1. Flat 2 and Floor 2
2. Flat 2 and Floor 3
3. Flat 1 and Floor 3
4. Flat 2 and Floor 1
5. Flat 1 and Floor 2

Correct Option **- 5**

Que. 26 **Directions:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given conclusions is/are definitely true and then give your answers accordingly.

Statement:

H ≤ A > N = Y < S = D

Conclusions:

I. D > A

II. A > S

1. Only I follows
2. Only II follows
3. Either I or II follow
4. Neither I nor II follow
5. Both I and II follow

Correct Option **- 4**

Que. 27 **Directions:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given conclusions is/are definitely true and then give your answers accordingly.

Statement:

C ≥ Z ≥ H = P > G > W

Conclusions:

I. W < C

II. C ≥ P

1. Only I follows
2. Only II follows
3. Either I or II follow
4. Neither I nor II follow
5. Both I and II follow

Correct Option **- 5**

Que. 28 **Directions:** In each of the following questions assuming the given statement to be true, find which of the conclusions among given conclusions is / are definitely true and then give your answers accordingly.

Statement:

S > G > K < J = Y > W < U < O

Conclusions:

I. S > W

II. O < Y

1. Only Conclusion I follows
2. Only Conclusion II follows
3. Either Conclusion I or II follows

4. Neither Conclusion I nor II follows

5. Both Conclusion I and II follows

Correct Option - **4**

Que. 29 | **Directions:** In each of the following questions assuming the given statement to be true, find which of the conclusions among given conclusions is / are definitely true and then give your answers accordingly.

Statement:

A < T = Y > R < K < L ≤ M > O

Conclusions:

I. M > R

II. Y > A

1. Only Conclusion I follows

2. Only Conclusion II follows

3. Either Conclusion I or II follows

4. Neither Conclusion I nor II follows

5. Both Conclusion I and II follows

Correct Option - **5**

Que. 30 | Direction: Study the following information carefully and answer the questions given below:

Seven persons - A, B, C, D, E, F, and G are sitting in the linear row facing the north but not necessarily in the same order.

B sits second from one of the ends. Only two persons are sitting between B and A. The number of persons sitting to the left of A is the same as the right of G. The number of persons sitting between A and G is the same as between E and F. E and G are not immediate neighbours. C sits to the right of E but is not an immediate neighbour of B.

Who among the following sits immediate left of B?

1. The one who sits second to the left of G.

2. A

3. F

4. E

5. The one who sits third to the left of C .

Correct Option - **1**

Que. 31 | Who among the following person sits to the left of A?

1. The one who sits fourth from the right end .

2. B

3. The one who sits immediate left of G.

4. D

5. All of the above

Correct Option - **5**

Que. 32 If C is related to A and E is related to F in a certain way, then, who among the following is related to D?

1. B
2. The one who sits third from the left end.
3. The one who sits immediate left of A.
4. E
5. C

Correct Option - **2**

Que. 33 How many persons are sitting between C and G?

1. More than three
2. None
3. One
4. Two
5. Three

Correct Option - **5**

Que. 34 What is the position of F with respect to D?

1. Third to the right
2. Third to the left
3. Second to the right
4. Second to the left
5. None of the above

Correct Option - **1**

Que. 35 If the digits in the number 86435192 are arranged in ascending order, what will be the difference between the digits which are second from the right and fourth from the left in the new arrangement?

1. One
2. Two
3. Three
4. Four
5. None

Correct Option - **4**

Que. 36 **Directions:** The following questions are based on the five three-digit numbers given below.

219   462   764   803   129

Which of the following numbers will be obtained if the second digit of the lowest number is added to the third digit of the highest number after adding three to each of these digits?

1. 6
2. 9
3. 12
4. 11
5. 8

Correct Option - **4**

Que. 37 In each number, if the digits are arranged in descending order, then how many numbers will remain unchanged?

1. One
2. Two
3. None
4. Three
5. Four

Correct Option - **1**

Que. 38 If, in each number, the first and the last digits are interchanged, which of the following will be the second-lowest number?

1. 219
2. 462
3. 803
4. 129
5. 764

Correct Option - **3**

Que. 39 If, in each number, the digits are arranged in ascending order, what will be the sum of the middle digits of each of the numbers?

1. 18
2. 12
3. 17
4. 19
5. 13

Correct Option - **3**

Que. 40 What will be the number obtained if the second-highest number in the series is added to the lowest number in the series?

1. 923
2. 962
3. 864
4. 853
5. 893

Correct Option - **5**

Que. 41 What will come in the place of the question mark '?' in the following question?

$81^{3.5} \times 729^{1.5} \div 9^{5.5} = ?$

1. 9^2
2. 9^4
3. 9^6
4. 9^3
5. 9^5

Correct Option - **3**

Que. 42 What will come in the place of the question mark '?' in the following question?

6/11 of 5/7 of 462 - 30 = ?

1. 180
2. 150
3. 160
4. 170
5. 120

Correct Option - **2**

Que. 43 What should come in place of the question mark (?) in the following question?

$(13/11) \times 143 + (12)^3 \div 8 + ? = (20)^2$

1. 13
2. 14
3. 15
4. 16
5. 17

Correct Option - **3**

Que. 44 What should come in place of the question mark (?) in the following question?

$(3/7) \times 343 - 25\%$ of $160 + 6^2 = ? - 1$

1. 104
2. 114
3. 124
4. 134
5. 144

Correct Option - **5**

Que. 45 What will come in place of the question mark?

$(625 \times 25) \div 625 - 10 = ?$

1. 10
2. 15
3. 20
4. 28
5. 35

Correct Option - **2**

Que. 46 What will come in the place of the question mark '?' in the following question?

$(\sqrt{324} + 18) \times 5 + 45 = ?^2$

1. 20
2. 24
3. 15
4. 18
5. 16

Correct Option - **3**

Que. 47 What will come in place of the question mark "?" in the following question.

80% of $(1.5 \times 4 + ?) = 32$

1. 27
2. 24
3. 34
4. 25
5. 14

Correct Option - **3**

What will come in the place of the question mark '?' in the following question?

Que. 48 | 88 × 50% of 289 ÷ 17 = ?

1. 648
2. 748
3. 348
4. 368
5. 468

Correct Option - **2**

Que. 49 | What will come in the place of the question mark "?" in the following question,
4900 ÷ 28 × 444 ÷ 12 = ?

1. 6575
2. 6475
3. 6855
4. 6905
5. None of these

Correct Option - **2**

Que. 50 | What will come in the place of '?' in the following question?
√144 ÷ 4 × 6 − √196 ÷ √49 + 5 = ?

1. 19
2. 20
3. 21
4. 22
5. None of the above

Correct Option - **3**

Que. 51 | What will come in the place of the question mark '?' in the following question?
150 × 2 ÷ 50 + 250 ÷ 5 + 4 = ?

1. 56
2. 58
3. 62
4. 60
5. 54

Correct Option - **4**

Que. 52 | What will come in the place of '?' in the following question?
263 − 345 + 180 × 3% of 20 − 1 = ?

1. 30
2. 24
3. 25
4. 26
5. 29

Correct Option - **3**

Que. 53 | What will come in the place of '?' in the following question?

$250 \times 24 \div 12 \div 125 + 2 \text{ of } 3 = ?$

1. 7
2. 8
3. 9
4. 10
5. 11

Correct Option - **4**

Que. 54 | What value should come in place of questions (?) in the following equations?

$6/5 \text{ of } 7/8 \times 24/21 \text{ of } 2425 = ?$

1. 2910
2. 3220
3. 3450
4. 3870
5. None of these

Correct Option - **1**

Que. 55 | What will come in the place of the question mark '?' in the following question?

$1728 \div 12^2 \times 5^3 + 40 = ?$

1. 1540
2. 1590
3. 1530
4. 1490
5. 1570

Correct Option - **1**

Que. 56 | In same time, a boat can row double the distance downstream that it can row upstream. If the speed of the stream is 4km/hr, then find the speed of the boat in still water.

1. 8 km/hr

2. 12 km/hr
3. 14 km/hr
4. 16 km/hr
5. 15 km/hr

Correct Option **- 2**

Que. 57 Perimeter of the square is 4/5 of the area of rectangle whose length 11 cm and width is 6 cm less than the length. What is the length of the square?
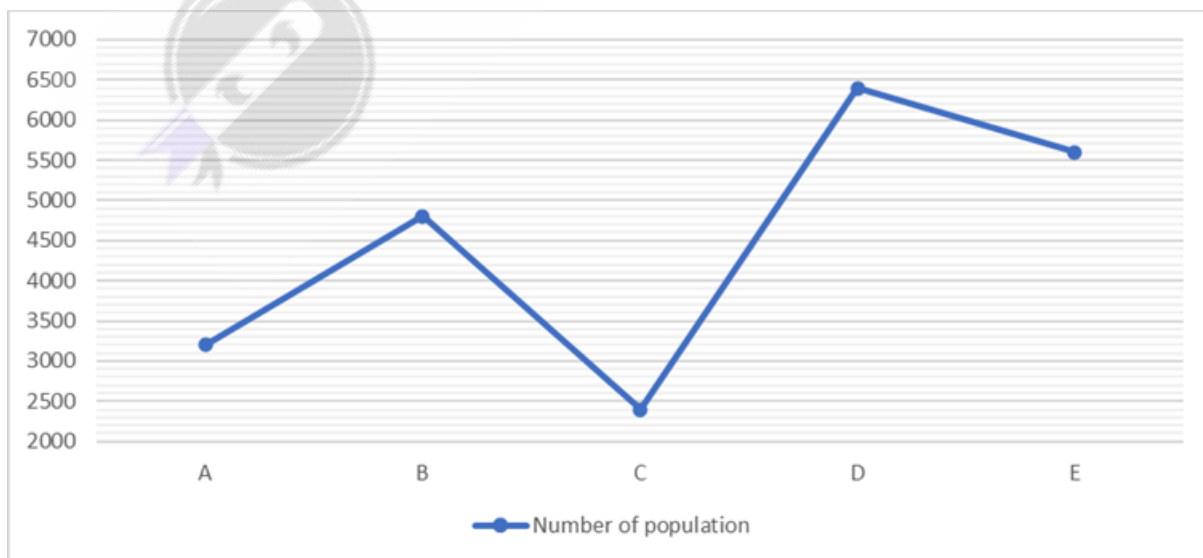
1. 12 cm
2. 15 cm
3. 121 cm
4. 11 cm
5. 100 cm

Correct Option **- 4**

Que. 58 The sum of five numbers is 555. If the average of the last two numbers is 145 and the third number is 115, then what will be the average of the first two numbers?

1. 75
2. 135
3. 185
4. 245
5. 295

Correct Option **- 1**

Que. 59 The line graph shows the total number of populations in five different cities [A, B, C, D and E]

Out of total population in city D, 75% are literate. Find the illiterate people in city D?

1. 1100
2. 1300
3. 2200
4. 1600
5. 2600

Correct Option - **4**

Que. 60 | Number of populations in city F is 20% more than the number of populations in city E. Find the number of populations in city F?

1. 6720
2. 6625
3. 6840
4. 6790
5. 6620

Correct Option - **1**

Que. 61 | Ratio of total population in city C and D is m:n. finds the value of m + n. [Ratio is lowest possible integer]

1. 13
2. 14
3. 19
4. 10
5. 11

Correct Option - **5**

Que. 62 | Number of populations in city B is increased by 25%. Find the new population in city B?

1. 6800
2. 6300
3. 6000
4. 6240
5. 6500

Correct Option - **3**

Que. 63 | Ratio of number of male and female in A is 5:3. Number of females in A is [x + 350]. Find the value of x?

1. 850
2. 750
3. 650
4. 550
5. 950

Correct Option - **1**

Que. 64 The income of a company increases 15% per annum. If its income is Rs. 2,40,000, in the year 2015. Then its income in the year 2017 is?

1. Rs. 3,40,000
2. Rs. 3,00,000
3. Rs. 1,50,000
4. Rs. 3,17,400
5. None of these

Correct Option - **4**

Que. 65 The total age of Aryan and Brijesh is 10 years more than the total age of Brijesh and Chetan. Chetan is how many years younger than Aryan?

1. 12
2. 10
3. 13
4. 15
5. 20

Correct Option - **2**

Que. 66 A man sells his scooter at 5% loss. If he sells it for Rs. 80 more, he would have gained 5%. The cost price of the scooter is.

1. Rs. 1600
2. Rs. 1200
3. Rs. 1000
4. Rs. 800
5. Rs. 500

Correct Option - **4**

Que. 67 What should come in place of the question mark '?' in the following number series?

9, 16, 30, 58, 114, ?

1. 212
2. 206

3. 226
4. 236
5. 242

Correct Option - **3**

Que. 68 | What should come in place of the question mark '?' in the following number series?

8, 16, 19, 76, ?, 486

1. 99
2. 107
3. 81
4. 113
5. 195

Correct Option - **3**

Que. 69 | What should come in place of the question mark '?' in the following number series?

13, 17, 26, ?, 67, 103

1. 42
2. 52
3. 48
4. 58
5. 62

Correct Option - **1**

Que. 70 | What should come in place of the question mark '?' in the following number series?

450, 442, 415, 351, 226, ?

1. 100
2. 10
3. 20
4. 90
5. 120

Correct Option - **2**

Que. 71 | What should come in place of the question mark '?' in the following number series?

13, 15, 18, 23, 30, ?

1. 39
2. 43
3. 45

4.   41

5.   37

Correct Option - **4**

Que. 72 | A lady travels a distance of 40 km by car in 20 min. After that she covers another 20 km by a bus in 30 min. What is the average speed of her during the whole journey?

1.   36 km/hr

2.   90 km/hr

3.   72 km/hr

4.   24 km /hr

5.   None of these

Correct Option - **3**

Que. 73 | Sid started a business with Rs. 15000 and after 4 months Mohan also joined with some capital. After a year the profit is divided between them in the ratio 5 : 4. How much did Mohan invest?

1.   20000

2.   18000

3.   20400

4.   24000

5.   None of these

Correct Option - **2**

Que. 74 | The table shows the number of Bus and number of car sold in five different cities [A, B, C, D and E]

City	Number of Bus sold	Number of Car sold
A	120	320
B	80	240
C	150	300
D	180	420
E	160	350

Number of Bus sold in city B is [x + 30]. Number of Bus sold in city F is 5x. Find the number of bus sold in city F?

1.   230

2.   290

3.   260

4.   250

5.   220

Correct Option - **4**

Que. 75 Find the difference between average number of bus and average number of cars sold in all cities together?

1. 188
2. 164
3. 122
4. 124
5. 104

Correct Option - **1**

Que. 76 Ratio of number of Ac and Non ac bus sold in city A is 5 : 3 out of total bus sold in same city. Find the difference between number of Ac and Non ac bus sold in city A?

1. 45
2. 50
3. 65
4. 95
5. 30

Correct Option - **5**

Que. 77 Number of tractors sold in city B is 25% less than the number of cars sold in same city. Find the number of tractors sold in city B?

1. 110
2. 190
3. 180
4. 120
5. 160

Correct Option - **3**

Que. 78 Ratio of total number of buses sold in city D and E together and number of cars sold in city C and D together?

1. 17 : 23
2. 17 : 36
3. 7 : 8
4. 9 : 16
5. 11 : 13

Correct Option - **2**

Que. 79

Twenty litres of a milk solution having 24% milk and remaining water. How many litres of water must be added to make it a 20% solution of milk?

1. 3 litres
2. 4 litres
3. 6 litres
4. 8 litres
5. None of these

Correct Option - **2**

Que. 80   The ratio between the two numbers is 2 : 3. If each number is reduced by 5 then the ratio becomes 1 : 2, then find the first number.

1. 05
2. 10
3. 15
4. 20
5. 25

Correct Option - **2**