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RRB Clerk Prelims

Memory Based Paper
17 Aug, 2024 Shift 2

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

Seven boxes M, N, O, P, Q, R and S 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 as 7. Box P is three boxes above box O, which is an odd numbered box. Box M is just above box S. Box Q is prime numbered box but not adjacent to box P. Box N is above box R, which is not adjacent to box P.

Which box is the topmost box?

1. Box N
2. Box M
3. Box Q
4. Box R
5. Box S

Correct Option **- 1**

Que. 2 How many boxes are above box O?

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

Correct Option **- 3**

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

1. Box M
2. Box R
3. Box Q
4. Box S
5. Box P

Correct Option **- 2**

Que. 4 Box _____ is just above box O.

1. M
2. P
3. N
4. S

5. Q

Correct Option **- 4**

Que. 5 How many boxes are there between P and R?

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

Correct Option **- 4**

Que. 6 Direction: Study the following information carefully and answer the below questions.

A family consists of seven members and two married couples. No single parent has a child. B is the father-in-law of O. P is the brother-in-law of O and vice versa. S is the only daughter of V who is the maternal grandmother of H. P has only one brother. H is the daughter of S.S and G is siblings.

How G is related to S?

1. Sister
2. Brother
3. Sister-in-law
4. Brother-in-law
5. Can't be determined

Correct Option **- 2**

Que. 7 Which of the following statement is true?

1. B has only one son
2. V is the mother-in-law of P
3. V has three kids
4. H is the only son of O
5. None of the above

Correct Option **- 3**

Que. 8 Who among the following is Uncle of H?

1. G
2. P
3. S
4. B
5. Both G and P

Que. 9 **Direction:** Some statements are given followed by some conclusions. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions if any, follow from the given statements.

Statements:

All Phone are Laptop.

Only a few Laptop are Stylus.

No Laptop is Tablet.

Conclusions:

I. All Stylus can be Tablet.

II. No Tablet is Phone.

1. If only conclusion I follows.
2. If only conclusion II follows.
3. If either conclusion I or II follows.
4. If neither conclusion I nor II follows.
5. If both conclusions I and II follow.

Correct Option - **2**

Que. 10 **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:

All roses are blue.

No blue is green.

Only a few green are white.

Conclusions:

I. All roses can never be green.

II. Some white can be blue.

1. Only conclusion I follows.
2. Either conclusion I or conclusion II follows.
3. None follows.
4. Both conclusion I and II follow.
5. Only conclusion II follow.

Correct Option - **4**

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:

All maps are roads.

Some roads are circles.

No circle is a line.

Conclusions:

I. Some lines being road is a possibility.

II. No map is a line.

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

Correct Option - **4**

Que. 12 | **Direction**: Study the given information carefully and answer the following questions-

   VET   CLA   XAW   DAS   NAS

In the given words, if we replace the first and third letters of each word with the letters which come immediately before and after them respectively in the English alphabet, then how many words thus formed are meaningful?

1. Two
2. Three
3. One
4. Four
5. None of the above

Correct Option - **2**

Que. 13 | In the given words, if the first letter is interchanged with the third letter, and after that, the second letter is interchanged with the first letter, then how many words thus formed starts with a vowel?
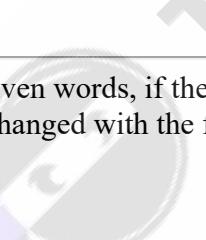
1. One
2. Two
3. Three
4. Four
5. Five

Correct Option - **4**

Que. 14 | Arrange the given words, in alphabetical order according to the English dictionary, from left to right. Which word thus formed comes at the second place from the right end after the rearrangement?

1. VET
2. DAS

3. CLA
4. XAW
5. NAS

Correct Option - **1**

Que. 15 If the second and the third letters are interchanged within the given words, then how many words thus formed will not end with a vowel?

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

Correct Option - **5**

Que. 16 If the given words are arranged in reverse dictionary order from left to right, then find the number of letters in the English alphabet that lies in between the second letter from the left end and the second letter from the right end?

1. 11
2. 12
3. 10
4. 9
5. None of the above

Correct Option - **3**

Que. 17 If it is possible to make only one meaningful English word with the 2nd, 4th, 5th, and 8th letters of the word STRENGTH, which of the following will be the third letter of that word? If no such word can be made give 'X' as the answer and if more than one such word can be made give 'Y' as the answer.

1. T
2. N
3. Y
4. X
5. E

Correct Option - **5**

Que. 18 **Directions:** Read the following information carefully and answer the questions given below.

A certain number of people are sitting in a row facing the North direction. Four people are sitting between C and T. Five people are sitting between E and C. K is sitting second to the right of E. T is sitting exactly between O and V, who is sitting third to the right of C. Only three persons are sitting to the left of K and O is sitting second to the left of I.

How many people are sitting in the row?

1. Thirteen
2. Fourteen
3. Seventeen
4. Twenty
5. Eighteen

Correct Option - **3**

Que. 19 Who is sitting second to the left of O?

1. I
2. V
3. C
4. T
5. K

Correct Option - **4**

Que. 20 How many people are sitting between K and T?

1. Six
2. Five
3. Seven
4. Ten
5. Eight

Correct Option - **5**

Que. 21 **Directions**: Read the following information carefully and answer the questions.

Six events, A, B, C, D, E, and F take place on two different dates, 7th and 22nd, of three different months, August, September, and October. All the information given are not necessarily in the same order.

Event B takes place immediately after event E. Event D takes place in the month of September. Event C is the last event to take place. Event A doesn't take place in the month of August. Event F takes place on the first available date in the month of September.

Which is the first event to take place?

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

Correct Option - **4**

Que. 22 Which event takes place on the 22nd of September?

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

Correct Option **- 5**

Que. 23 Which is the second last event to take place?

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

Correct Option **- 4**

Que. 24 How many events take place between B and C?

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

Correct Option **- 3**

Que. 25 Which event takes place immediately after event B?

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

Correct Option **- 5**

Que. 26 How many pairs of letters are there in the word "STATEMENT" each of which has as many letters between them as in the English alphabetical series in both forward and backward directions?

1. Four
2. Three
3. Two

4.   One

5.   None

Correct Option - **2**

Que. 27 | **Direction: Study the following information carefully and answer the questions given below.**

In a certain code language:

'practice things regularly for results' is written as 'ma iv tw rb pb',

'satisfaction comes in good results' is written as ' fa vc jk nd pb',

'learn regularly with good results' is written as 'aa tw vx nd pb',

'satisfaction is with continue practice' is written as 'fa lm vx cq ma'.

What is the code for 'practice regularly'?

1.   uv jk

2.   ma tw

3.   pb tw

4.   ma rb

5.   None of these

Correct Option - **2**

Que. 28 | What is the code for 'results with practice'?

1.   ma vx tw

2.   jk fa pb

3.   ma vx pb

4.   pb vx fa

5.   None follows

Correct Option - **3**

Que. 29 | What is the code for 'continue'?

1.   cq

2.   fa

3.   lm

4.   Either I or II

5.   Either I or III

Correct Option - **5**

Que. 30 | What is the code for 'results'?

1.   tw

2.   rb

3. Either 'tw' or 'pb'
4. pb
5. None follows

Correct Option - **4**

Que. 31 What would be the possible code for 'practice daily'?

1. ma uv
2. pb cq
3. rb fa
4. tw lu
5. ma iv

Correct Option - **1**

Que. 32 **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements:

$P < Q = R; V \leq S \leq T < R$

Conclusions:

I. $T > V$

II. $T = V$

1. Only Conclusion I is True
2. Only Conclusions II is True.
3. Either Conclusion I or II is True.
4. Both Conclusions I and II are True.
5. Neither Conclusion I nor II is True.

Correct Option - **3**

Que. 33 **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly

Statements:

$Z = K = R; J = S < P = M = Z$

Conclusions:

I. $M = R$

II. $Z > J$

1. Only Conclusion I is True.
2. Only Conclusions II is True.
3. Either Conclusion I or II is True.
4. Both Conclusions I and II are True.
5. Neither Conclusion I nor II is True.

Correct Option **- 4**

Que. 34 **Directions:** In the following question assuming the given statements to be true, find which conclusion among the given conclusions is/ are definitely true and then give your answers accordingly.

Statements: A > J ≤ P; Q > R = T < P

Conclusions:

I. A > R

II. J < Q

1. Only II is true
2. Only I is true
3. Both I and II are true
4. Neither I nor II is true
5. Either I or II is true

Correct Option **- 4**

Que. 35 **Directions:** - Relationship between different elements is shown in the statements below. These Statements are followed by 2 Conclusions. Mark your answer on the basis of given statements and conclusions.

Statement: P ≥ Q = K > R, J ≤ K

Conclusions:

I) P ≥ J

II) P > R

1. None follows
2. Both follow
3. Only I follows
4. Only II follows
5. Either I) or II) follows

Correct Option - **2**

Que. 36 **Direction:** Study the following information carefully and answer the questions given below:

Seven persons have different designations - Chief Executive Officer (CEO), Chief Operating Officer (COO), Chief Financial Officer (CFO), Chief Technology Officer (CTO), Chief Marketing Officer (CMO), Chief Legal Officer (CLO) and Chief Information Officer (CIO) in a company. The order of seniority is the same as given above - (CEO) is the senior-most designation and (CIO) is the junior-most designation.

Three designations are there between D and E. D is not the senior most person but senior to the person who is CTO. One person has a designation between G and H. E is just junior to H. C is senior to H. B is senior to C but junior to A. G is junior to E.

Who among the following person is the CTO?

1. C
2. G

3. B
4. H
5. None of these

Correct Option - **1**

Que. 37 Which among the following is the designation of B?

1. COO
2. CFO
3. CTO
4. CMO
5. CEO

Correct Option - **2**

Que. 38 How many persons are junior to D?

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

Correct Option - **5**

Que. 39 Who among the following person is immediately senior to G?

1. H
2. A
3. C
4. E
5. D

Correct Option - **4**

Que. 40 How many persons are designated between H and A?

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

Correct Option - **5**

Que. 41   **Direction:** Find the missing series?

13, 37, 109, 325, ?

1. 935
2. 973
3. 485
4. 328
5. 970

Correct Option - **2**

Que. 42   **Direction:** Find the missing series?

12, 18, 36, 90, 270, ?

1. 850
2. 945
3. 670
4. 430
5. 780

Correct Option - **2**

Que. 43   **Direction:** Find the missing series?

14, 23, 34, 47, ?

1. 58
2. 62
3. 75
4. 80
5. 12

Correct Option - **2**

Que. 44   **Direction:** Find the missing series?

?, 154, 147, 136, 123, 106

1. 159
2. 160
3. 132
4. 154
5. 205

Correct Option - **1**

Que. 45   **Direction:** Find the missing series?

2978, ? , 746, 374, 188,95

1. 1490
2. 1230
3. 1550
4. 6340
5. 1500

Correct Option - **1**

Que. 46 6 years hence, age of A is 22 years. The present age of A & B is 48 years. C is 10years younger than B. find the age of C.

1. 42 years
2. 20 years
3. 25 years
4. 22 years
5. 50 years

Correct Option - **4**

Que. 47 A scores 4 marks less than B, B got 12 marks less than passing marks. A's marks is 80% of the passing marks. Find the marks scored by B.

1. 54
2. 72
3. 58
4. 68
5. 66

Correct Option - **4**

Que. 48 A person invested Rs. 9,000 at certain rate of simple interest for 7 years. If the ratio between total interest received and the principal amount is 7 : 10. Find the value of simple interest.

1. Rs. 5,400
2. Rs. 6,300
3. Rs. 1,500
4. Rs. 2,500
5. None of these

Correct Option - **2**

Que. 49 Given table graph represent the number of shirts, jeans and trousers sold by five different shops. Read the graph and answer the following questions carefully.

Shops	Shirts	Jeans	Trousers

A	76	48	44
B	20	90	75
C	75	45	22
D	22	110	88
E	44	25	90

Find the ratio of sum of shirts sold by A & B to that of trousers sold by C, D & E respectively.

1. 12 : 15
2. 12 : 27
3. 12 : 25
4. 2 : 3
5. None of these

Correct Option - **3**

Que. 50 Jeans sold by shop B is what percent of trousers sold by shop B.

1. 100%
2. 120%
3. 75%
4. 80%
5. None of these

Correct Option - **2**

Que. 51 What is the difference between shirts sold by all shops and jeans sold by all shops.

1. 75
2. 78
3. 76
4. 81
5. 45

Correct Option - **4**

Que. 52 Find shirts sold by B & E is how much more/less than trousers sold by D.

1. 24
2. 33
3. 32
4. 40
5. 15

Correct Option - **1**

Que. 53 Find the average number of shirts sold by all shops together.

1. 65.8
2. 42.6
3. 50.9
4. 47.4
5. 45.3

Correct Option - **4**

Que. 54 Tom can alone complete the work in 8 days while Tom & Jerry together can complete the same work in 2(2/3) days. Find the number of days required by Jerry alone to complete double work.

1. 4 days
2. 6 days
3. 8 days
4. 10 days
5. 12 days

Correct Option - **3**

Que. 55 Speed of boat to that of speed of stream is 7 : 2. If the boat covers certain distance downstream in 1 hour then find the time(in minutes) taken by boat to cover the same distance in upstream.

1. 108 mins
2. 122 mins
3. 112 mins
4. 120 mins
5. 200 mins

Correct Option - **1**

Que. 56 What appro×imate value should come in the place of '?' in the following questions.

$(150) \times 2 \div (12 \div 0.5) \times 2 \times 1.2 = ?$

1. 38
2. 32
3. 35
4. 30
5. 40

Correct Option - **4**

Que. 57 What appro×imate value should come in the place of '?' in the following questions.

$(18 \times ?) \div 120 \times 60 + 48 = 54$

1. 4/5
2. 7/8
3. 2/3
4. 9/7
5. 5/7

Correct Option **- 3**

Que. 58 What appro×imate value should come in the place of '?' in the following questions.

$(5 \times 27 \times 2) \div ? = 108$

1. 2(1/2)
2. 3(1/2)
3. 4
4. 5/4
5. None of these

Correct Option **- 1**

Que. 59 What appro×imate value should come in the place of '?' in the following questions.

$12.5 + 155.5 + 120 - 130 = 125 + ?$

1. 33
2. 30
3. 31
4. 35
5. 40

Correct Option **- 1**

Que. 60 What appro×imate value should come in the place of '?' in the following questions.

$33\frac{1}{3} \div 150 \times 80 + ? = 32\frac{7}{9}$

1. 15
2. 20
3. 25
4. 40
5. 50

Correct Option **- 1**

Que. 61 What appro×imate value should come in the place of '?' in the following questions.

$85 \div 100 \times ? \times 15 = 5763$

1. 480

2. 400
3. 512
4. 452
5. 560

Correct Option - **4**

Que. 62 What appro×imate value should come in the place of '?' in the following questions.

$1600 \div (24)^2 \times 1.2 = ?$

1. 5(1/3)
2. 2
3. 3(1/3)
4. 5(2/3)
5. None of these

Correct Option - **3**

Que. 63 What appro×imate value should come in the place of '?' in the following questions.

$\sqrt{(1536/512 \times ? - 6)} = 12$

1. 40
2. 60
3. 45
4. 50
5. None of these

Correct Option - **4**

Que. 64 What appro×imate value should come in the place of '?' in the following questions.

$\frac{1}{4} \times \frac{45}{150} \times \sqrt[3]{343} = ?$

1. 21/40
2. 22/47
3. 12/17
4. 13/67
5. None of these

Correct Option - **1**

Que. 65 What appro×imate value should come in the place of '?' in the following questions.

$72 \times 105 \div ? + 63 = 567$

1. 12

2. 13
3. 14
4. 15
5. 20

Correct Option **- 4**

Que. 66 What appro×imate value should come in the place of '?' in the following questions.
$17/8 \times ?/51 \times 4/9 = 20/27$

1. 45
2. 40
3. 25
4. 20
5. None of these

Correct Option **- 2**

Que. 67 What appro×imate value should come in the place of '?' in the following questions.
$2252 + 1176 + ? + 75 = 3503$

1. 0
2. 6
3. 1
4. 3
5. 5

Correct Option **- 1**

Que. 68 What appro×imate value should come in the place of '?' in the following questions.
$(?)^3 + (600) = 725$

1. 5
2. 6
3. 7
4. 8
5. None of these

Correct Option **- 1**

Que. 69 What appro×imate value should come in the place of '?' in the following questions.
$? \times 12 \times 3/4 + 120 = 786$

1. 65
2. 74

3. 78
4. 56
5. 60

Correct Option **- 2**

Que. 70 What appro×imate value should come in the place of '?' in the following questions.

345.5 + 125 + 112 - 34 = ?

1. 548.5
2. 550
3. 340
4. 112
5. None of these

Correct Option **- 1**

Que. 71 If the perimeter of circle is 66m which is 3/4th of actual perimeter of the circle. Find the area of circle.

1. 616 m^2
2. 512 m^2
3. 343 m^2
4. 589 m^2
5. 215 m^2

Correct Option **- 1**

Que. 72 If population of a town in year 2022 is 4520 and the population of same town is 5650 in the year 2023. Find the percentage increase in population.

1. 15%
2. 35%
3. 25%
4. 20%
5. 50%

Correct Option **- 3**

Que. 73 Average of numbers A, B & C is 60. If the ratio of sum of A & B to that of C is 7 : 2, then find the value of B. Given that value of A is 20 more than B.

1. 40
2. 80
3. 90
4. 100
5. 60

Que. 74 | **Direction:** Read the bar graph carefully and answer the following questions:

The bar graph shows the income of two persons A and B from the years 2015 to 2020.

Income of persons (In lakhs) in different years
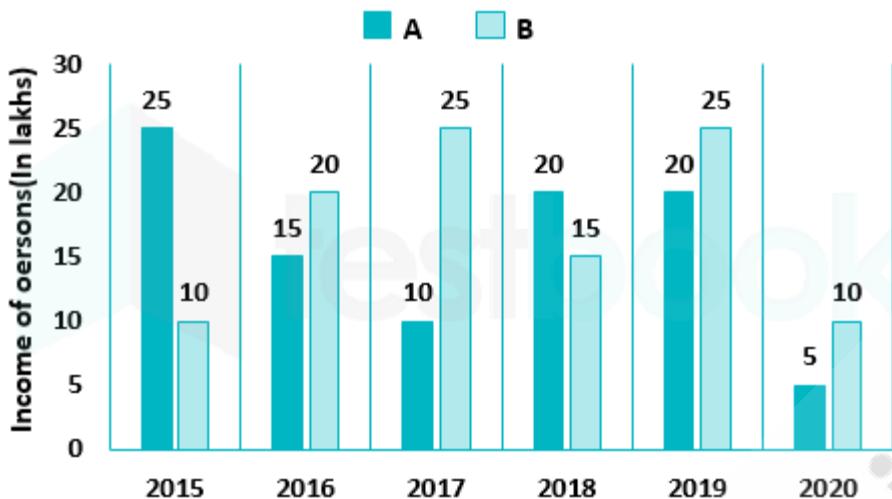
The income of A in 2014 is 12% more than that of B in 2017, then what will be the ratio between the income of A in 2016 and 2018 together and that of A in 2014 and B in 2020 together?

1. 34 : 37
2. 35 : 38
3. 2 : 3
4. 38 : 35
5. 1 : 1

Correct Option - **2**

Que. 75 | If the profit of B in 2019 is 20% of total income of B in 2019, then what will be its expenditure in 2019?

1. Rs. 20 lakhs
2. Rs. 25 lakhs
3. Rs. 15 lakhs
4. Rs. 21 lakhs
5. Rs. 19 lakhs

Correct Option - **1**

Que. 76 | If the ratio of income and expenditure of A in 2017 is 5 : 2 and saving of B in 2019 is 27% more than that of A in 2017, then find the expenditure of B in 2019.

1. Rs. 17 lakhs
2. Rs. 16.38 lakhs

3. Rs. 17.38 lakhs
4. Rs. 15 lakhs
5. Rs. 14 lakhs

Correct Option - **3**

Que. 77 The income of A increases by 30%, 20% and 40% respectively in 2016, 2017 and 2019, then what will be the ratio of income of A in these three years now?

1. 24 : 39 : 56
2. 56 : 39 : 24
3. 22 : 56 : 39
4. 39 : 24 : 56
5. 33 : 24 : 56

Correct Option - **4**

Que. 78 If the profit of A in 2016 is 20% of total Income of A in 2016 and the ratio of expenditure of A in 2016 to that of B in 2017 is 4 : 5, then find the saving of B in 2017.

1. Rs. 15.625 lakhs
2. Rs. 12.5 lakhs
3. Rs. 14 lakhs
4. Rs. 9 lakhs
5. Rs. 9.375 lakhs

Correct Option - **5**

Que. 79 Zoya invested certain amount and after 8 months her friend also joined her with double the Zoya's investment. If the profit of Zoya's friend is Rs. 5,584 then find the profit difference between Zoya and her friend.

1. Rs. 2,792
2. Rs. 2,500
3. Rs. 1,200
4. Rs. 2,000
5. Rs. 5,550

Correct Option - **1**

Que. 80 In a container the ratio of mixture of milk and water is 5 : 2. If 10 litres of water is added to the mixture, then the difference between milk and water becomes 20 litres. Find the initial quantity of mixture.

1. 105 l
2. 42 l
3. 60 l

4. 85 l

5. 70 l

Correct Option - **5**