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RRB Clerk Prelims

Memory Based Paper
10 Aug, 2024 Shift 2

80 Questions

Que. 1   **Direction:** Study the following information carefully and answer based on it.

Eight person A, B, C, D, E, F, G and H are sitting around a circular table. Some of them are facing inside the centre while some of them are facing outside the centre. G and B face the opposite directions. Immediate neighbours of G face the same direction. Three people sit between D and E. Neither D nor A sits next to F. E sits second to the right of A. Both E and H face a direction opposite to that of C. C sits second to the right of F, who faces the centre. Two people sit between C and B. G sits second to the right of C. H sits to the immediate right of B.

How many people are facing inside the centre?

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

Correct Option - **4**

Que. 2   Four of the following are related in some manner. Find the odd one out.

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

Correct Option - **5**

Que. 3   Which of the following statement/s is/are true according to the final arrangement?

    I. Three people sit between G and F.

II. E sits immediate to the left of C.

III. Two people are sitting between A and H, when counted from the right of H.

1. Only I and II
2. Only II and III
3. Only I and III
4. All are true
5. None is true

Correct Option - **4**

Que. 4   How many people are sitting between E and G, when counted from the right of E?

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

Correct Option - **2**

Que. 5 | Who sits fourth to the right of B?

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

Correct Option - **1**

Que. 6 | **Directions:** Read the following information carefully and answer the questions which follow:

A man starts walking from point X, he walks 7m in the west direction and reached at point Y, after that he takes left turn and walks 8m to reach at point Z. From the point Z, he takes right turn and walks 6m to reach at point A and again takes right turn and walks 12m to reach at point B. From the point B, he takes right turn and walks 13m to reach at point C. Finally he takes left turn and walks 5m to reach at point D.

If a person walks 7m towards the east from point Z and he takes a left turn and walks for another 8m, which of the following point would he reach?

1. A
2. B
3. X
4. C
5. Cannot be determined

Correct Option - **3**

Que. 7 | What is the shortest distance between B and Z?

1. 3√5m
2. 4√5m
3. 6√5m
4. 5√5m
5. 2√5m

Correct Option - **3**

Que. 8 | What is the direction of X with respect to C?

1. South
2. East
3. West
4. North
5. None of these

Correct Option - **1**

Que. 9 | Study the following arrangement carefully and answer the questions given below.

D 9 © K U $ W 1 E 4 B % R 3 A 6 # F H @ I 2 M P 5 * Q 8 T

If all the symbols and digits are deleted from the above arrangements then which of the following alphabets is 3rd to the left of 4th from the right end?

1. E
2. I
3. A
4. F
5. K

Correct Option - **4**

Que. 10 | Which of the following elements is 5th to right of 18th from right end in the above arrangement?

1. #
2. F
3. 6
4. %
5. None of these

Correct Option - **1**

Que. 11 | How many such vowels are there in the above arrangement, each of which is immediately preceded by a symbol and immediately followed by a number?

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

Correct Option - **2**

Que. 12 | How many letters are there in the above arrangement which are immediately preceded and followed by a number?

1. One

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

Correct Option - 3

Que. 13 If all the symbols are removed from the given series then how many such consonants are there in the series that are neither immediately preceded nor immediately followed by a number?

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

Correct Option - 2

Que. 14 **Direction:** Study the information given below carefully and answer the questions that follow.

How many pairs of digits are there in the given number, that have as many numbers between them as in the series of natural numbers both in backward and forward direction?
5278643

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

Correct Option - 5

Que. 15 If all the letters in the word 'BALCONIES' are arranged according to the English alphabetical order, from the left to the right, then which is the seventh letter from the left end of the newly formed sequence?

1. O
2. S
3. I
4. N
5. L

Correct Option - 4

Que. 16 **Direction:** Study the following information and answer the question.

There are six persons namely A, B, C, D, E, and F living on three different floors but not necessarily in the same order. The lowermost floor is numbered as 1 and the top floor is numbered as 3. There are 2 flats on

each floor Flat1 and Flat2 in such a way that Flat1 of the third floor is exactly above Flat1 of the second floor and Flat1 of the second floor is exactly above Flat1 of the first floor. Flat1 is west of Flat2

E lives on floor number 2 and lives above C but not in the same flat. A lives above B and both lives in the same flat. F lives one of the floors above C. D lives one of the floors below A but not in the same flat as C. F lives west of A.

Which of the following pair is correct for D?

1. Floor2 - Flat2
2. Floor3 - Flat2
3. Floor1 - Flat1
4. Floor3 - Flat1
5. Floor2 - Flat1

Correct Option - **3**

Que. 17 Which of the following statements is Correct?

1. E lives in Flat2 on the 2nd floor.
2. C lives in Flat1 on the 2nd floor.
3. D lives above F in the same flat.
4. B lives on the top floor.
5. A lives in Flat2 on the 3rd floor.

Correct Option - **5**

Que. 18 If position of F and C changed then who will be living immediately above F's floor

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

Correct Option - **4**

Que. 19 Who among the following lives in the top floor?

1. F
2. A
3. D
4. Both 1 and 2
5. Both 1 and 3

Correct Option - **4**

Who lives in Flat2 of the 2nd floor?

Que. 20
1. A
2. B
3. D
4. E
5. F

Correct Option - **2**

Que. 21 **Direction:** The following questions are based on the given five words. Study the given information carefully and answer the following questions-

WAR   HAT   JET   SLO   VUT

Arrange the words as they appear in English dictionary from right to left. Which letter is placed eleventh from the right end in the new arrangement?

1. A
2. T
3. H
4. O
5. U

Correct Option - **5**

Que. 22 Arrange the given words as per reverse dictionary order from right to left. How many letters are there, in the English alphabet, which comes in between the first letter of the fifth word from the left end and the first letter of the fourth word from the right end in the new arrangement?

1. Eleven
2. Twelve
3. Thirteen
4. Fifteen
5. None of the above

Correct Option - **2**

Que. 23 If the first letter is interchanged with the second letter within each word, and again the second letter is interchanged with the third letter within each word, then how many words thus formed do not start with a vowel?

1. Only two
2. Only three
3. Only one
4. Four
5. None of the above

Correct Option - **3**

Que. 24 In the given words, if the vowels are replaced with the letter which appears immediately before them in the English alphabet and the consonants are replaced with the letter which appears immediately after them in the English alphabet, then how many words thus formed start and end with a vowel? (We consider A to Z in a cyclic manner i.e. after Z there is A; before A there will be Z and so on)

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

Correct Option - **1**

Que. 25 In the given words, if the vowels are replaced with the letter which appears immediately after them in the English alphabet and the consonants are replaced with the letter which appears immediately before them in the English alphabet, and then the words thus formed are arranged as per their positions in English dictionary from left to right, then which word will come second to the right of the word which is fifth from the right end in the new arrangement? (We consider A to Z in a cyclic manner i.e. after Z there is A; before A there will be Z and so on)

1. VBQ
2. IFS
3. RKP
4. GBS
5. UVS

Correct Option - **3**

Que. 26 **Directions:** In the questions three statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statements

I. All 40 are 20.

II. Some 20 are not 60

III. Only few 20 are 10

Conclusions :

I. Some 10 are 40

II. No 10 is 40

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

Correct Option - **4**

Que. 27 | **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 few chalks are duster.

Some duster are blackboard.

Only few chalks are highlighter.

Conclusion:

I. Some highlighter are chalks.

II. Some chalks are blackboard

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

Correct Option **- 1**

Que. 28 | **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 few mobiles are gadgets

All gadgets are costly

Some mobiles are laptops

Conclusions:

I. Some gadgets are laptops

II. No laptop is costly

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

Correct Option **- 4**

Que. 29 | **Directions:** Read the information given below and answer the question that follows.

Seven persons Amul, Bingo, Chang, Dexter, Eve, Felix, and Ginger are sitting in a straight line facing north but not necessarily in the same order. Dexter sits second to the left of Amul and neither of them sits at the

end. There are exactly two persons sitting in between Chang and Ginger and one of them sits at the right end. Felix and Bingo are adjacent to each other. Only two persons sit between Amul and Bingo and neither of them sits at the end. There are at least two persons to the right of Ginger.

Who among the following sits second from the right end?

1. Bingo
2. Amul
3. Felix
4. Chang
5. Eve

Correct Option - **5**

Que. 30 Who sits exactly in the middle of the row?

1. Bingo
2. Amul
3. Ginger
4. Chang
5. Eve

Correct Option - **3**

Que. 31 How many people are sitting between Bingo and the person who is sitting on the right end.

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

Correct Option - **3**

Que. 32 Which amongst the following pairs sit at the extreme ends of the row?

1. Bingo and Ginger
2. Chang and Felix
3. Eve and Dexter
4. Bingo and Chang
5. None of these

Correct Option - **2**

Que. 33 Who sits second to the left of Eve?

1. Bingo

2.   Amul
3.   Ginger
4.   Chang
5.   Eve

Correct Option - **3**

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

Statements:

U > W, S ≥ J, Q < U, T < W, N < J, Q < N

Conclusions:

I. J > Q

II. U > N

1.   Only I follow
2.   Only II follow
3.   Both I and II follow
4.   Either I or II follow
5.   Neither I not II follow

Correct Option - **1**

Que. 35   **Direction:** In the following question assuming the given statements to be true, find which of the conclusion among given some conclusion is/are definitely true and then give your answers accordingly:

Statements:

C > E, B > F, F ≥ C, D < E

Conclusions:

I. B < D

II. B > D

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

Correct Option - **2**

Que. 36   **Directions:** Read the instructions carefully and answer the questions below:

At a Baby daycare center, there are 6 kids Bob, Joe, John, Joy, Sam, and Tom each having different weights. A list was prepared on the basis of their weights in ascending order. Sam weighs more than Tom but less than Bob. Joe weighs more than John but less than Joy. Joe is the second lightest kid and Joy is the second heaviest kid. The weight of 3rd heaviest kid is 9 kgs and the second lightest kid is 6 kgs.

How many kids weigh more than John?

1. 5
2. 4
3. 3
4. 2
5. 1

Correct Option - **1**

Que. 37   What is the possible weight of Tom?

1. 4 kgs
2. 5 kgs
3. 7 kgs
4. 10 kgs
5. 11 kgs

Correct Option - **3**

Que. 38   Who is the heaviest kid among all?

1. Tom
2. Bob
3. Joe
4. Sam
5. John

Correct Option - **2**

Que. 39   If it is possible to make only one meaningful English word with the 1st, 2nd, 5th, and 6th letters of the word ABOLISH, which of the following would be the third letter of that word when counted from the left? 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. Y
2. B
3. I
4. X
5. A

Correct Option - **5**

Que. 40   **Directions**: Read the given information carefully and answer the following questions.

If 2 is added to each of the odd digits and 1 is subtracted from each of the even digits in the number 3251514152, then what is the product of the largest and smallest digits?

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

Correct Option - **3**

Que. 41 Directions: The following table shows the number of employees working in three different hotels A, B and C in four different years 2017, 2018, 2019 and 2020.

Year	Number of employees working in Hotel A	Number of employees working in Hotel B	Number of employees working in Hotel C
2017	48	54	65
2018	38	44	58
2019	64	72	34
2020	45	55	60

The total number of employees working at Hotel A in 2018 is approximately what percentage of the total number of employees working at Hotel A in 2019 and Hotel B in 2017

1. 40%
2. 34%
3. 38%
4. 32%
5. 36%

Correct Option - **4**

Que. 42 The ratio of the number of male to female employees working in Hotel B and Hotel C in 2019 respectively is 5: 3 and 9: 8. Find the number of female employees working in Hotel B and C together in 2019.

1. 43
2. 54
3. 60
4. 34
5. 42

Correct Option - **1**

Que. 43   Total number of employees working in all the three Hotels in 2016 is 33 more than the total number of employees working in all the three Hotels in 2017. If the number of employees working at Hotel B in 2017 is equal to the number of employees working in Hotel B in 2016. Find the sum of the number of employees working in Hotel A and Hotel C in 2016.

1. 132
2. 154
3. 148
4. 146
5. 134

Correct Option - **4**

Que. 44   In 2021 the number of employees working at Hotel A is 33.33% more than the number of employees working in Hotel A in 2020. Then find the ratio between the number of employees working at Hotel C in 2017 and Hotel A in 2021.

1. 17: 13
2. 13: 12
3. 12: 7
4. 14: 13
5. 14: 11

Correct Option - **2**

Que. 45   The average number of employees working in Hotel B in 2017 and Hotel D in 2018 is 49. Find the average number of employees working in Hotel A, B, C and D in 2018.

1. 54
2. 51
3. 52
4. 46
5. 48

Correct Option - **4**

Que. 46   The quantity of chocolates that Arya has is 78% of the quantity that Naveen has. If the total number of chocolates with Arya and Naveen together is 89, determine how many chocolates Arya has.

1. 35
2. 42
3. 39
4. 27
5. 45

Correct Option - **3**

Que. 47 | 280 litres of mixture contains alcohol and water in the ratio of 4:3. If x litres of water is added to the mixture, the ratio of the quantity of alcohol to water becomes 8:7. Find the value of x.

1. 15
2. 20
3. 17
4. 12
5. 10

Correct Option - **2**

Que. 48 | What will come in place of question mark (?) in the following equation?
$378 \div 42 \times \sqrt[3]{512} + (12)^2 = ?^3$

1. 6
2. 8
3. 4
4. 12
5. 7

Correct Option - **1**

Que. 49 | What will come in place of question mark (?) in the following equation?
30% of 400 + 45% of 800 = ? + 25% of 1200

1. 150
2. 200
3. 220
4. 160
5. 180

Correct Option - **5**

Que. 50 | What will come in place of question mark (?) in the following equation?
$\sqrt{441} - \sqrt{361} + \sqrt{625} = ?^3$

1. 4
2. 2
3. 7
4. 3
5. 5

Correct Option - **4**

Que. 51 What will come in the place of the question mark '?' in the following question?

63% of 9000 + 5088 ÷ 48 = $(?)^2$

1. 74
2. 76
3. 36
4. 44
5. None of the above

Correct Option **- 2**

Que. 52 What will come in the place of the question mark '?' in the following question?

625 × 1616 + [6 of 540 + 260 of 3] = ?

1. 1104020
2. 1014020
3. 1124020
4. 1412000
5. 1142000

Correct Option **- 2**

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

1250 ÷ 5 ÷ 25 × 4 of 20 ÷ 4 ÷ 2 = ?

1. 400
2. 2500
3. 250000
4. 62500
5. 100

Correct Option **- 5**

Que. 54 What will come in the place of the question mark '?' in the following question?

(17 + 81 − 57) + (48/12 × 3) = ? + 25

1. 24
2. 28
3. 12
4. 18
5. 33

Correct Option **- 2**

What will come in place of question mark (?) in the following equation?

Que. 55 30% of (20 × 15) - ? = $4^2 \times 30 \div 8$

1. 20
2. 15
3. 25
4. 30
5. 45

Correct Option - **4**

Que. 56 What will come in place of question mark (?) in the following equation?
$(\sqrt{225} \times 24) \div 45 + \sqrt{625} = ?$

1. 31
2. 38
3. 35
4. 33
5. 41

Correct Option - **4**

Que. 57 What will come in place of question mark (?) in the following equation?
$(36 + 124) + 72 \times 28 \div 56 = ?^2$

1. 16
2. 18
3. 12
4. 22
5. 14

Correct Option - **5**

Que. 58 What will come in place of question mark (?) in the following equation?
$\sqrt{484} + 22 \times 6 = ? + \sqrt{196}$

1. 130
2. 120
3. 140
4. 150
5. 160

Correct Option - **3**

Que. 59 What will come in the place of the question mark '?' in the following question?
20% of 150 + 16% of 200 = ? + 50

1. 18
2. 15
3. 20
4. 22
5. 12

Correct Option - **5**

Que. 60 | What will come in place of question mark (?) in the following equation?
$(\sqrt[3]{1728} \div 12) \times 2 - 482 = ?$

1. 240
2. 120
3. -240
4. -480
5. -120

Correct Option - **4**

Que. 61 | What will come in place of question mark (?) in the following equation?
$\sqrt{1156} - \sqrt[3]{1728} + [1/8 \text{ of } 64 \div 1/2 \text{ of } 4] = ?$

1. 12
2. 22
3. 18
4. 26
5. 32

Correct Option - **4**

Que. 62 | what will come in the place of the question mark '?' in the following question?
$(\sqrt{2401} \text{ of } 7 \div \sqrt[3]{343} \times \sqrt[3]{?}) = 67 + 31$

1. 8
2. 2
3. 4
4. 16
5. 22

Correct Option - **1**

Que. 63 | The side of the square is (x + 5) cm and the base of the right tangled triangle is (x + 9) cm. The perimeter of the square is 80 cm. If the area of the right angled triangle is 84 cm^2. Find the height of the right angled triangle.

1. 9 cm
2. 8 cm
3. 12 cm
4. 7 cm
5. 15 cm

Correct Option - **4**

Que. 64 4 years ago, the ratio of Tom and Jerry is 11: 8. The age of Tom after 2 years is 10 years more than the age of Jerry after 4 years. Find the present age of Jerry?

1. 34 years
2. 40 years
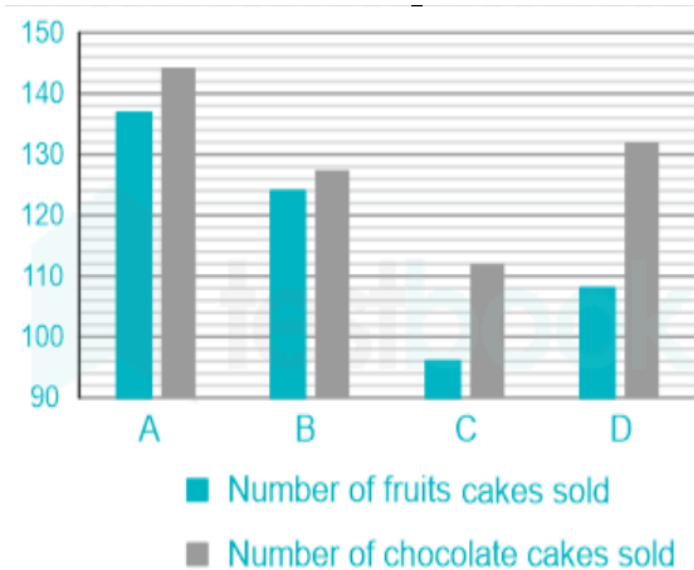3. 36 years
4. 32 years
5. 42 years

Correct Option - **3**

Que. 65 A takes 10 days more than B, while B completes the work in 20 days. They worked together for some days during which 5/12 part of the work is completed. After that B left and A completes the remaining work. Find the total time taken to complete the work.

1. 25.5 days
2. 23.5 days
3. 21.5 days
4. 22.5 days
5. 20. 5 days

Correct Option - **4**

Que. 66 Directions: The given bar graph shows the number of fruit cakes sold and number of chocolate cakes sold in the four different Bakery A, B, C and D.

Number of fruits cakes sold

Number of chocolate cakes sold

Find the ratio between the number cakes sold in bakery A to the number of cakes sold in bakery C.

1. 30: 29
2. 35: 26
3. 23: 27
4. 27: 29
5. 23: 29

Correct Option - **2**

Que. 67 | Find the difference between the total number of fruit cakes sold by bakery A, C and D to the total number of chocolate cakes sold by the bakery B, C and D.

1. 40
2. 35
3. 31
4. 33
5. 45

Correct Option - **3**

Que. 68 | In bakery C, each chocolate cake is sold for Rs. 100 and each fruit cake is sold for Rs. 150. Find the ratio between revenue earned by bakery C from selling chocolate cakes and fruit cakes.

1. 11:9
2. 6:5
3. 7:9
4. 5:3
5. 9:5

Correct Option - **3**

Que. 69 Find the average number of fruit cakes sold in shop A, B, C and D.

1. 122
2. 124
3. 108
4. 106
5. 116

Correct Option - **5**

Que. 70 The total number of cakes sold by bakery A is approximately what percentage more/ less than the total number of fruit cakes sold by bakery C.

1. 196%
2. 188%
3. 192%
4. 184%
5. 198%

Correct Option - **3**

Que. 71 In the following number series, a wrong number is given. Find out the wrong number.
26, 31, 41, 56, 85, 101

1. 31
2. 85
3. 36
4. 46
5. 71

Correct Option - **2**

Que. 72 In each of the following number series, a wrong number is given. Find out that number.
45, 53, 80, 142, 269, 485, 828

1. 485
2. 80
3. 142
4. 53
5. 269

Correct Option - **3**

Que. 73 In the following number series, a wrong number is given. Find out the wrong number.
112, 113, 117, 145, 160, 285

1. 117
2. 113
3. 160
4. 285
5. 145

Correct Option - **5**

Que. 74 | Find the wrong number in the given series.
4096, 1024, 256, 64, 8, 4

1. 64
2. 4
3. 8
4. 1024
5. 256

Correct Option - **3**

Que. 75 | Find the wrong number in the given series.
118, 125, 142, 169, 216, 253

1. 142
2. 253
3. 169
4. 125
5. 216

Correct Option - **5**

Que. 76 | The average number of bags sold in shop A and shop B is 190 and the average number of bags sold in shop B and shop C is 210 and the average number of bags sold in shop A and C is 220. Find the number of bags sold in shop B.

1. 200
2. 160
3. 180
4. 170
5. 150

Correct Option - **3**

Que. 77 | Person A invested Rs. x for 5 years at the rate of interest 14% per annum and she obtained an interest of Rs. 1540. Find the difference between the principal amount and interest earned by him.

1. Rs. 750

2. Rs. 780
3. Rs. 660
4. Rs. 720
5. Rs. 620

Correct Option - **3**

Que. 78 A started a business by investing Rs. 1500 and after 8 months B joined the business by investing Rs. x. If the ratio of the profit obtained by A to B at the end of one year is 5: 2. Then find the amount invested by B.

1. Rs. 2400
2. Rs. 1800
3. Rs. 1600
4. Rs. 2000
5. Rs. 1400

Correct Option - **2**

Que. 79 Amit travels from city P to city Q with a speed of 64 kmph and he returns from city Q to to city P with the speed of 48 kmph. If the time taken by Amit during the return journey is 3 hours more than the time taken by him in the initial journey, then the distance between the city P and Q.

1. 554 km
2. 612 km
3. 576 km
4. 584 km
5. 624 km

Correct Option - **3**

Que. 80 Cost price of an article is Rs.x which is marked 60 % above the cost price and after giving 20% discount the article is sold.If the selling price of the article is Rs. 768. Find the cost price of the article.

1. Rs. 560
2. Rs. 600
3. Rs. 620
4. Rs. 580
5. Rs. 640

Correct Option - **2**