IBPS RRB PO Prelims 20 Aug 2022 Shift 3

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80 Questions

Que. 1 **Directions:** Study the following information carefully and answer the given questions:

There are eight employees i.e., J, K, L, M, N, O, P, and Q of a company and all of them are working on eight different designations of a company viz. Director, Chairperson, Secretary, Manager, General Manager(GM), Assistant Manager(AM), PO and Clerk but not necessarily in the same order. P working as either GM or AM. N is not senior to M. The number of people junior to P are two more than the number of people senior to O. L is senior to N. J is four posts junior to Q. Q works as a Secretary. M who is not working as a Chairperson is three posts senior to K. L is senior to N.

Who is an immediate senior to the one who is juniormost?

1. P
2. L
3. J
4. K
5. O

Correct Option **- 3**

Que. 2 Which of the following statement is **correct** about General manager?

i) Q works as a General Manager.

ii) K is an immediate senior to General Manager.

iii) The one who works as a GM is three post junior to O.

1. Only i
2. Only i and ii
3. All i, ii, iii
4. Only ii and iii
5. None of the statement is correct.

Correct Option **- 4**

Que. 3 Which of the following option is true regarding J?

1. J is working as a Clerk.
2. J is an immediate senior to N.
3. J is an immediate junior to Q.
4. J is an immediate junior to General manager.
5. All are correct.

Correct Option **- 2**

Que. 4 Who is three posts senior to L?

1. K
2. P
3. Q
4. O
5. M

Correct Option - **3**

Que. 5 What is the designation of K?

1. General Manager
2. PO
3. Clerk
4. Manager
5. Direcor

Correct Option - **4**

Que. 6 How many such pairs of letters are there in the word **"DECREASE"** each of which has as many letters between them in the word as in the English alphabet? (in both forward and backward directions).

1. One
2. Two
3. Three
4. Four
5. More than four

Correct Option - **3**

Que. 7 **Direction:** Read the information given below and answer the question that follows.

Eight people – Saquelin, Nakul, Smiran, Abdullah, Piyush, Ashray, Trishul and Sahitya are sitting in a row facing north but not necessarily in the same order. Four people are sitting between Smiran and Piyush, neither of them are sitting at the extreme ends of the row. Two people are sitting between Piyush and Sahitya. Three people are sitting between Ashray and Saquelin, who is not sitting at the extreme end of the row. Abdullah is the immediate neighbour of Saquelin. Nakul is sitting second to the left of Saquelin.

Who is sitting to the immediate right of Saquelin?

1. Piyush
2. Trishul
3. Abdullah
4. Nakul
5. Smiran

Correct Option - **3**

Que. 8 | Who is sitting second to the right of Smiran?

1. Nakul
2. Saquelin
3. Abdullah
4. Ashray
5. Sahitya

Correct Option - **5**

Que. 9 | Who is sitting exactly between Abdullah and Trishul?

1. Saquelin
2. Piyush
3. Nakul
4. Smiran
5. Ashray

Correct Option - **2**

Que. 10 | Who is sitting at the extreme right end of the row?

1. Abdullah
2. Ashray
3. Nakul
4. Piyush
5. Trishul

Correct Option - **5**

Que. 11 | Who is sitting at third position from extreme left end of the row?

1. Nakul
2. Sahitya
3. Abdullah
4. Piyush
5. Smiran

Correct Option - **1**

Que. 12 | **Direction:** In the question below are given three statements followed by three conclusions numbered I, II and III. 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 bulbs are glasses

Few bulbs are light

Only a few lights are bright

Conclusions:

I. Some lights are bulbs.

II. Some lights are not bright.

III. Some bulbs are glasses.

1. Only I follows
2. Both I and II follow
3. Both II and III follow
4. All follow
5. None follows

Correct Option **- 4**

Que. 13 **Direction:** In the question below are given four statements followed by four conclusions numbered I, II, and III 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:

A few switch are boards

Only board is wood

Only a few boards are strong

Conclusions:

I. Some woods are switches.

II. Some strong are not boards.

III. Some boards are switches.

1. Both I and II follow
2. Both II and III follow
3. Both I and III follow
4. Only I follows
5. Only III follows

Correct Option **- 5**

Que. 14 **Directions:** In the question below are given four statements followed by four conclusions numbered I, II, III and I 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 pillows are bedsheets

Only a few pillows are blankets

Few blankets are cover

Conclusions:

I. Some pillows are bedsheets.

II. Some pillows are not blankets.

III. Some covers are not bedsheets.

1. Only I follows
2. Both I and II follow
3. Only III follows
4. Both II and III follow
5. All follow

Correct Option **- 5**

Que. 15   **Directions:** These questions are based on the following information.

There are 8 members in a gathering. P is the son of W. R is the father of X. X is the husband of Q, who is the sister of P. S is the nephew of P and Z is the niece of Y, who is the sister of X.

How is P related to Z?

1. Aunt
2. Father
3. Uncle
4. Mother
5. None of the above.

Correct Option **- 3**

Que. 16   How is Y related to S?

1. Mother
2. Father
3. Mother-in-law
4. Aunt
5. None of the above.

Correct Option **- 4**

Que. 17   If W is the mother of Q, then how is W related to Z?

1. Father
2. Mother
3. Paternal grandmother
4. Maternal grandmother
5. None of the above

Correct Option **- 4**

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

Eight person K, L, M, N, O, P, Q and R live in an eight-floor building. Each of them owns Bikes of different companies viz Pulsar, Fazer, Splendor, Himalayan, Gixer, Duke, Unicorn and Apache but not necessarily in the same order. The lowermost floor is numbered 1 and the topmost floor is numbered 8.

L lives on the odd number floor and likes Fazer. Four-person lives between P and K. Only three-person live above R, who is just below N. There are three floors between the one who likes Duke and the one who likes Unicorn. K likes Gixer and lives below N but does not live on the even-number floor. There are three floors between the floor on which R lives and the floor on which M lives. No one lives above the one who likes Unicorn. Two persons live between the one who likes Gixer and Splendor. The one who likes Apache lives just above the one who likes Pulsar. There are four floors between the one who likes Fazer and O.

How many person live between the one who likes Himalayan and the one who likes Apache?

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

Correct Option - **5**

Que. 19 Which of the following likes Splendor?

1. P
2. O
3. N
4. M
5. Q

Correct Option - **3**

Que. 20 who among the following lives on floor number 7?

1. The one who likes Gixer
2. M
3. R
4. N
5. The one who likes Fazer.

Correct Option - **5**

Que. 21 P likes which of the following bike?

1. Himalayan
2. Apache
3. Pulsar
4. Unicorn

5. Duke

Correct Option **- 4**

Que. 22 Which of the following combination is incorrect?

1. O - Apache
2. M - Pulsar
3. R - Duke
4. L - Fazer
5. N - Splendor

Correct Option **- 3**

Que. 23 **Directions:** Read the information carefully and answer the questions given below.

H E S A M A N O F F O C U S C O M M I T M E N T A N D S H E E R W I L L

Which of the following letter is eleventh to the right of the fourteenth to the left of the seventh element from the right end?

1. A
2. N
3. D
4. S
5. None of these

Correct Option **- 3**

Que. 24 Directions: Read the information carefully and answer the following questions

A certain number of persons are sitting in a row. All of them are facing north. R is the third from the left. One person is sitting between R and T. Both R and T are not at an extreme end. Three people sit between T and O, who is not P's immediate neighbor. L sits to the immediate right of O. O sits at one end. Three people sit between L and N. One person sits between N and P who is sixth to the right of L. Two people sit between S and P. P sits to the left of S. E sits fourth from the right end. Two persons sit between E and K, and one of them is sitting at the right end. Four people sit between K and B. One person sits between B and H. The number of people seated between R and O corresponds to the number of people seated between S and H.

How many persons are sitting in the row?

1. 21
2. 23
3. 20
4. 22
5. None of these

Correct Option **- 3**

Que. 25

The number of persons sitting to the left of L is two less than the number of the persons sitting in the right of _____.

1. B
2. K
3. E
4. L
5. Cannot be determined

Correct Option - **3**

Que. 26 What is the position of L with respect to H?

1. 11th to the left
2. 10th to the right
3. 8th to the right
4. 5th to the right
5. None of these

Correct Option - **1**

Que. 27 If X is sitting 2nd from the right end, then how many persons are sitting between K and X?

1. 8
2. 3
3. 5
4. 0
5. 2

Correct Option - **4**

Que. 28 Who is sitting third to the right of P?

1. S
2. H
3. B
4. N
5. None of these

Correct Option - **1**

Que. 29 **Direction:** In the following question assuming the given statements to be true, find which of the conclusion among the given conclusion is/are definitely true, and then give your answers accordingly.

Statements: $Z = A > B < C > D = E < H \geq L$

Conclusions:

I. $Z \geq L$

II. B < H

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

Correct Option - **3**

Que. 30 | **Direction:** In the following question assuming the given statements to be true, find which of the conclusion among given conclusion is/are definitely true and then give your answers accordingly.

Statement: $Z = Y < W \geq N > P = Q > R$

Conclusions:

I. $Z < N$

II. $Z \geq N$

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

Correct Option - **3**

Que. 31 | **Direction:** In the following question assuming the given statements to be true, find which of the conclusion among given conclusion is/are definitely true and then give your answers accordingly.

Statements: $Z < A < N = O; A > B > D$

Conclusions:

I. $Z > D$

II. $N > B$

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

Correct Option - **2**

Que. 32 | **Direction:** Read the information given below carefully and answer the following questions.

A person buys ten products namely I, J, K, L, M, N, O, P, Q, and R one after another but not necessarily in the same order. N was bought four products before P. Only one product is bought between P and K. At least three products are bought before N. The number of products before N is same as after I. Only three products are bought between I and L. L neither bought at first nor last. The number of products between K and I

is the same as between J and N. R was bought three products before M. M was bought after I. O was bought before Q and is not the first product to bought.

How many products were bought between O and I?

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

Correct Option - **5**

Que. 33   Find the odd one out.

1. J, L
2. O, N
3. Q, I
4. K, I
5. P, K

Correct Option - **4**

Que. 34   Number of products after N is same as the number of products before _____.

1. K
2. P
3. M
4. Q
5. I

Correct Option - **5**

Que. 35   Which of the following is true?

      I. J is the last product to buy.

II. The number of products before Q is same as the number of products after N.

III. Even number of products is bought between L and K.

1. Both I and III
2. Both II and III
3. Only I
4. All the above
5. Only III

Correct Option - **5**

Que. 36 | Odd number of persons sit between _____ and _____.

1. R, M
2. M, I
3. O, Q
4. I, N
5. J, N

Correct Option **- 2**

Que. 37 | **Directions:** Study the information given below carefully and answer the questions that follow.

P, Q, R, S, T, U, V, W, X, Y and Z are eleven offices. P is 10 km West of Q, T is 8 km North of U, S is 10 km North of P, while the distance between PR is the same as the distance between RQ, U is 6 km West of S, W is 11 km West of R, X is 10 km South of W, while Y is 11 km East of X, Z is 5 km North of Y, V is 5 km West of Y. P, R and Q are in same line.

What is the direction of X with respect to P?

1. South-west
2. South
3. West
4. North-West
5. South-East

Correct Option **- 1**

Que. 38 | What is the distance between Z and R?

1. 10 km
2. 5 km
3. 4 km
4. 3 km
5. Cannot be determined

Correct Option **- 2**

Que. 39 | What is the direction of Z with respect to V?

1. East
2. South-East
3. North-East
4. North-West
5. South-West

Correct Option **- 3**

What is the shortest distance between X and Z?

Que. 40
1. 46
2. 25
3. √144
4. √146
5. 144

Correct Option - **4**

Que. 41 What will come in place of question mark (?) in the following number series?

13, 14, 30, ?, 376, 1885

1. 90
2. 99
3. 93
4. 95
5. None of these

Correct Option - **3**

Que. 42 What will come in place of question mark (?) in the following number series?

42, 21, ?, 42, 168, 1344

1. 12
2. 21
3. 22
4. 20
5. 84

Correct Option - **2**

Que. 43 What should come in place of the question mark '?' in the following number series?

1, 5, 2, ?, 104, 2620

1. 13
2. 30
3. 35
4. 37
5. 19

Correct Option - **2**

Que. 44 What should come in place of the question mark '?' in the following number series?

66, 67, 70, 75, 82, ?

1. 92
2. 95
3. 91
4. 93
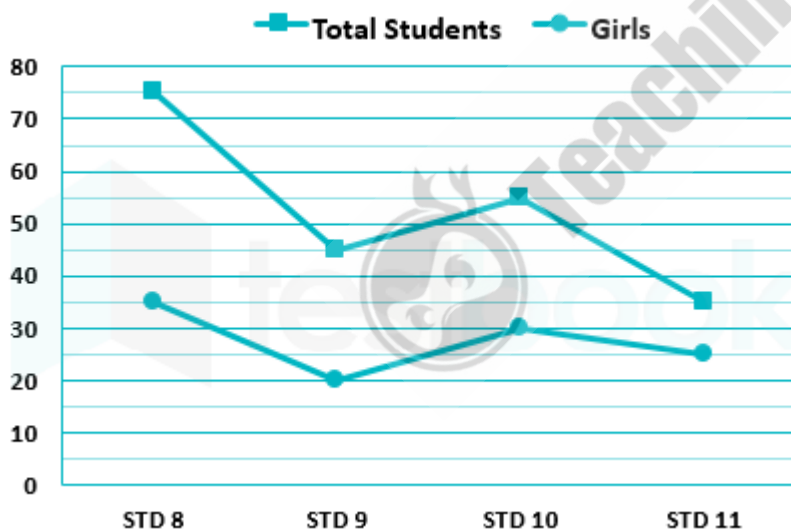5. 96

Correct Option - **3**

Que. 45 What should come in place of the question mark '?' in the following number series?

4, 7, 12, 19, ?, 39

1. 28
2. 26
3. 29
4. 18
5. 25

Correct Option - **1**

Que. 46 **Study the following line graph carefully and answer the following questions.**

This line chart shows the number of students in thousands studying in all over Maharashtra in various standard in 2021.

Find the difference between all the students studying in given standard to the boys studying in std 8, std 9 and std 11.

1. 125000
2. 115000
3. 145000
4. 155000
5. None of the above.

Correct Option - **5**

Que. 47 | Find the ratio of boys studying in std 8 and std 11 to the number of girls studying in std 9 and std 10.

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

Correct Option - **2**

Que. 48 | Total number of boys studying in standard 9 and standard 10 is what percent of total students studying in standard 10 and std 11?

1. 37.5 %
2. 50.0 %
3. 62.5 %
4. 28.2 %
5. 55.5 %

Correct Option - **5**

Que. 49 | If the number of students who are studying in std 7 is 20% higher than the number of students who are studying in std 8 and ratio of boys and girls is 3 : 2 find the number of girls studying in std 7.

1. 40000
2. 22500
3. 30000
4. 36000
5. 34000

Correct Option - **4**

Que. 50 | Find the average number of boys in thousands studying in all the standards.

1. 25
2. 15
3. 22
4. 18
5. 30

Correct Option - **1**

Que. 51 | What approximate value should come in the place of question mark (?) in the following question?
$5.98^2 + (4.97^2 - 11.92) \times 3.95 = ?$

1. 98

2. 88
3. 102
4. 92
5. 82

Correct Option - 2

Que. 52 What approximate value should come in the place of the question mark (?) in the following question?
$43.88 \times 399.98 \div 49.98 = (? - 109.88) \times 11.11$

1. 132
2. 138
3. 148
4. 142
5. 152

Correct Option - 4

Que. 53 What approximate value should come in the place of question mark (?) in the following question?
$[(143.94)^2 \div 15.86 \times 33.94] \div ? = 35.96 \times 23.84$

1. 43
2. 35
3. 58
4. 51
5. 63

Correct Option - 4

Que. 54 What approximate value should come in the place of question mark (?) in the following question?
34.85% of $159.8 + ?\%$ of $179.9 = 49.79\%$ of 309.91

1. 50
2. 55
3. 45
4. 60
5. 40

Correct Option - 2

Que. 55 What approximate value should come in the place of question mark (?) in the following question?
$149.99 + 44.89 \times 1.92 \times (35.99 - 16.06) \div 17.97 = ?$

1. 155
2. 210

3. 250
4. 285
5. 195

Correct Option - **3**

Que. 56 Two trains X and Y travelling in the same direction, trains X and Y started from the same point and X started one hour before Y. Y travelling at 80 kmph overtook X at a distance of 800 km. Find the speed (in kmph) of train X.

1. 770/13
2. 750/11
3. 800/13
4. 800/11
5. None of the above

Correct Option - **4**

Que. 57 Prajal owns a house worth Rs 10000. He sells it to Murthy at a profit of 15%. After some time, Murthy sells it back to Prajal at a loss of 15%. Find Prajal's gain or loss % in total transactionn.

1. 2.25% gain
2. 6.25% loss
3. 15.60% gain
4. 17.25% gain
5. 11.50% loss

Correct Option - **4**

Que. 58 In a vessel, the ratio of water to milk is 3 : 7. 25% of the mixture is taken out from a total quantity of 200 liters and poured into another empty vessel, 10 liters of water is also added to this vessel. Find the total quantity of water in the second vessel.

1. 18 liters
2. 20 liters
3. 31 liters
4. 28 liters
5. 25 liters

Correct Option - **5**

Que. 59 An engineering student has to secure 15% marks to pass. He gets 55 marks and fails by 20 marks. Find his maximum marks.

1. 300
2. 600
3. 500

4. 200

5. 400

Correct Option **- 3**

Que. 60 A man goes downstream with a boat to some destination and returns upstream to his original place in 16 hours If the speed of the boat is 4 km/h and speed of the stream is 3 km/h respectively. Find the distance travelled by a boat.

1. 13 km

2. 12 km

3. 14 km

4. 15 km

5. 18 km

Correct Option **- 3**

Que. 61 **Directions:** In the following table, the number of units manufactured and sold by five companies – P, Q, R, S, and T has been given. Study the given data carefully and answer the questions that follow.

Companies	Number of units manufactured (in thousand)	Number of units sold (in thousand)
P	45	30
Q	55	40
R	60	45
S	40	35
T	70	55

What is the respective ratio between the units manufactured by company P and S?

1. 3 : 2

2. 5 : 6

3. 7 : 8

4. 9 : 8

5. None of these

Correct Option **- 4**

Que. 62 What is the average number of units (in thousand) sold by all the companies together?

1. 41

2. 45

3. 47

4. 52

5. None of these

Correct Option - **1**

Que. 63 Which company sold the highest percentage of units as compared to manufactured by it?

1. Q
2. R
3. S
4. T
5. None of these

Correct Option - **3**

Que. 64 What is the respective ratio between the number of units sold by company S and that sold by company Q?

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

Correct Option - **2**

Que. 65 What is the average number of units (in thousand) manufactured by all the companies together?

1. 54
2. 46
3. 52
4. 55
5. None of these

Correct Option - **1**

Que. 66 P and Q can complete whole work in 60/11 days and P can complete whole work alone in 12 days. If Q starts functioning only at 60% of its original capacity then in how many days will P and Q complete the whole work?

1. (88/13) days
2. (500/43) days
3. (86/13) days
4. (300/43) days
5. (105/13) days

Correct Option - **4**

Que. 67

Four years ago, the ratio between the age of father and mother is 11 : 9. After 7 years, the average age of mother and son is 40 years. The difference between the age of father and son is 22 years. Find the total age of family.

1. 114 years
2. 120 years
3. 98 years
4. 128 years
5. 106 years

Correct Option - **1**

Que. 68 A rectangular ground of length 54 m and width 26 m, has a walking strip of width 4 m in the middle of the ground along the longer side. What is the area of the ground excluding the walking strip?

1. 1220 sq.m
2. 1200 sq.m
3. 1320 sq.m
4. 1300 sq.m
5. 1100 sq.cm

Correct Option - **4**

Que. 69 Ajay has invested Rs. 25,000 at 10% per annum at simple interest for 3 years and Vijay has invested Rs. 20,000 at 12% per annum at simple interest for the same time. Find the difference between their interests earned.

1. Rs. 200
2. Rs. 300
3. Rs. 400
4. Rs. 500
5. Rs. 600

Correct Option - **2**

Que. 70 Pipe A can fill a tank in 6 hours. Due to a leak at the bottom, it takes 9 hours for the pipe A to fill the tank. In what time can the leak alone empty the full tank.

1. 54
2. 20
3. 15
4. 18
5. None

Correct Option - **4**

Que. 71 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $3x^2 + 11x - 20 = 0$

II. $3y^2 - 10y + 8 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relationship between x and y cannot be established.

Correct Option **- 4**

Que. 72 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 13x + 22 = 0$

II. $y^2 + 9y + 20 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relationship between x and y cannot be established.

Correct Option **- 1**

Que. 73 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 32x + 255 = 0$

II. $y^2 - 23y + 120 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relationship between x and y cannot be established.

Correct Option **- 3**

Que. 74 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $15x^2 - 16x + 4 = 0$

II. $5y^2 - 9y + 4 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$

4. $x \leq y$

5. x = y or relationship between x and y cannot be established

Correct Option - **2**

Que. 75 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 27x + 176 = 0$

II. $y^2 - 16y + 55 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. x = y or relationship between x and y cannot be established.

Correct Option - **3**

Que. 76 **Direction:** Study the direction and answer the following questions.

A dinner party was attended by 800 people. 800 people had Pasta, 720 people had Burger and 750 people had Pizza. 80% of the total guests had all the three items. All those except 80 guests who had Pizza also had Burger. All those except 60 guests who had Burger also had Pasta. 85% of the total guests who had Pasta also had Pizza.

What is the number of guests who had Pizza and Burger but not Pasta?

1. 10
2. 45
3. 30
4. 72
5. 60

Correct Option - **3**

Que. 77 Find the ratio between the number of guests who had Pizza and Pasta and the number of guests who had Burger?

1. 15 : 17
2. 11 : 9
3. 18 : 13
4. 17 : 18
5. 21 : 23

Correct Option - **4**

Que. 78

What is the difference between number of guests who had only Burger and number of guests who had only Pizza?

1. 15
2. 10
3. 5
4. 18
5. 25

Correct Option - 2

Que. 79 Find the sum of all guests who had only two items?

1. 100
2. 75
3. 82
4. 105
5. 90

Correct Option - 5

Que. 80 How many guests had only Pasta?

1. 100
2. 125
3. 80
4. 75
5. 60

Correct Option - 1