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IBPS RRB Officer Scale-I 1 Aug 2021 Shift 1

80 Questions

Que. 1 **Direction:** Study the following information carefully and answer the question given below.

Ten persons: A, B, C, D, E, F, G, H, I and J are sitting on a circular table. All of them are facing the centre.

Two persons are sitting between A and B either from left or right. G is sitting third to the left of J and H is sitting second to the right of G. There are four persons sitting between B and D, either from the left or right. J is neither the neighbour of A nor of B. C and I are not neighbours of each other. D is sitting second to the left of A. J is sitting second to the left of E. G is sitting opposite to E. J is not sitting opposite to A. H is sitting opposite to C. F is neighbour of C and B. G is not the neighbour of D.

Who is sitting second to the left of I?

1. A
2. B
3. C
4. D
5. None of the above

Correct Option **- 2**

Que. 2 Who is sitting opposite to J?

1. B
2. F
3. H
4. I
5. None of these

Correct Option **- 2**

Que. 3 How many persons are sitting between G and C when counting towards left of G?

1. 4 persons
2. 2 persons
3. 6 persons
4. 1 person
5. None of the above

Correct Option **- 2**

Que. 4 What is the position of D with respect to F?

1. Fourth to the right
2. Sixth to the left

3. Fourth to the left
4. Second to the right
5. Seventh to the left

Correct Option **- 3**

Que. 5 Who is sitting fifth to the right of B?

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

Correct Option **- 3**

Que. 6 **Directions:** Read the given information carefully and answer the questions given below:

Seven persons - A, B, C, D, E, F and G like different fruits and eat them on seven different days from Monday to Sunday but not necessarily in the same order. The fruits are - Watermelon, Apple, Banana, Guavas, Grapes, Orange and Kiwi but not necessarily in the same order.

A eats guava immediately after D. E neither eats grapes nor watermelon. D neither eat banana nor watermelon. F eats banana two days before E. The person who eats grapes is the last one. C eats kiwi on Wednesday and there are two people between C and the one who eat the orange. B eats fruit three days after A and does not eat Apple.

Which of the following day and fruit combination is true for C?

1. Thursday - Banana
2. Monday - Watermelon
3. Tuesday - Guava
4. Wednesday - Kiwi
5. Wednesday - Orange

Correct Option **- 4**

Que. 7 Who eats watermelon?

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

Correct Option **- 2**

Que. 8 Which of the following statement (s) is / are true?

1. F eats Banana on Friday
2. G eats grapes on Sunday
3. C eats watermelon on Wednesday
4. B eats Apple on Monday
5. None of the above

Correct Option **- 2**

Que. 9 Who eats orange?

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

Correct Option **- 5**

Que. 10 How many persons eat fruits between C and the one who eats Apple?

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

Correct Option **- 1**

Que. 11 **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:

Statement:

$Q > I < N = K \leq T \leq E \leq U \geq Y > R = P > O = D > J$

Conclusions:

I. $U > I$

II. $Y > J$

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

Correct Option **- 5**

Que. 12 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: C > D > E ≥ G = H < J ≥ K = A

Conclusions:

I. E ≤ J

II. E > J

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

Correct Option **- 1**

Que. 13 **Direction**: 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.

Statements:

E > T ≥ K = R, S > R = U

Conclusions:

I. K < S

II. E > U

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

Correct Option **- 3**

Que. 14 **Direction**: 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:

B ≥ G > Y ≥ W = F < A

Conclusions:

I. F < B

II. G > A

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

Correct Option **- 1**

Que. 15 **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among the given conclusions is/are definitely true and then give your answers accordingly

Statements: $X \leq Y = Z > A = B < C > D > E \geq F$

Conclusions:

I. $X < Z$

II. $X = Z$

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

Correct Option **- 3**

Que. 16 **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 pencil is pen.

Some pen is eraser.

No eraser is sharpener.

Conclusions:

I. All sharpener can be pencil.

II. Some pen is sharpener.

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

Correct Option **- 1**

Que. 17 **Direction:** In the question below are given three statements followed by two conclusions 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 Rice are Grains

No Wheat is Grains

All Wheat is Pulses

Conclusion:

I. Some Rice are Pulses

II. No Pulses are Rice.

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

Correct Option **- 4**

Que. 18 **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:

No Curd is Amul

only a few Amul is Down

No Down is Rice

Conclusions:

I. Some Curd is Rice

II. Some Down is Curd

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 follows

Correct Option **- 4**

Que. 19 **Directions**: In the question below there are three statements followed by two conclusions I and II. You have to take the two given statements to be true even if they seem to be variance with commonly known facts and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Statements:

Some cat are dog.

All dog are fox.

Some fox are cow.

Conclusion:

I. Some cats are cows is a possibility.

II. Some cows are dog.

1. If only conclusion I follow
2. If only conclusion II follow

3. If conclusion I and II both follow
4. If neither conclusion I and II follow
5. If either conclusion I or II follow

Correct Option **- 1**

Que. 20 **Direction:** In the question below are given two statements followed by two 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:

Some liquids are juice.

Only a few juice are shakes.

All shakes are smoothies.

Conclusions:

I. Some liquids are smoothie.

II. All juice being shakes is a possibility.

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

Correct Option **- 1**

Que. 21 In the given word 'CATER' if the vowels are changed to the previous letter and the consonants are changed to the next letter as per the alphabetical series, then which letter will occur more than once in the newly formed word?

1. A
2. D
3. U
4. C
5. None of the above

Correct Option **- 2**

Que. 22 Select the one which is different from other four alternatives.

1. MN
2. AZ
3. BY
4. JP
5. EV

Correct Option - **4**

Que. 23 How many such pairs of digits are there in the number '935416', each of which has as many digits between them in the number (both forward and backward direction) as they have between them in the numerical series?

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

Correct Option - **2**

Que. 24 **Direction:** Study the following information and answer the questions given below.

In a certain code language,

"possible on three puzzle" is written as "dy no sm su"

"greater growth mandatory puzzle" is written as "ze ea dy om"

"mandatory possible is important" is written as "su ta nx ea"

"three growth is important" is written as "ta sm om nx"

What is the code for the word 'possible'?

1. no
2. sm
3. dy
4. su
5. Either dy or sm

Correct Option - **4**

Que. 25 If the code for 'the three hard puzzle' is 'dy hx sm ar' then what could be the code for 'the hard'?

1. hx ar
2. dy ar
3. hx sm
4. ze ar
5. ta sm

Correct Option - **1**

Que. 26 What is the possible code for 'on important greater'?

1. su ta nx
2. no nx ea

3. du dy ta
4. no nx ze
5. no ta ea

Correct Option **- 4**

Que. 27 'om' is the code for which of the following?

1. three
2. growth
3. is
4. important
5. None of the above

Correct Option **- 2**

Que. 28 **Direction:** Study the following information carefully and answer the question given below.

In an organization, nine persons: J, K, L, M, N, O, P, Q and R work in three different departments Marketing, Finance and HR. At least two persons work in a department but not more than four can work in a single department.

Only L works with M in the same department. N and K work in two different departments. O works in the HR department. R does not work in the HR department. Q does not work with P but works with J. K who does not work with O and works in the Finance department. Only three people work in the HR department.

Who among the following does not work in the Finance department?

1. M
2. J
3. K
4. None of the above
5. Both J and K

Correct Option **- 1**

Que. 29 Who among the following work together?

1. J and O
2. K and N
3. Q and R
4. Nand L
5. P and M

Correct Option **- 3**

Que. 30 Which of the following combination works in Marketing department?

1. J, K, Q

2. M, L
3. P, Q, R
4. O, P, N
5. None of the above

Correct Option **- 2**

Que. 31 Who among the following works with O?

1. R
2. K
3. N
4. P
5. Both N and P

Correct Option **- 5**

Que. 32 **Direction:** Read the instructions carefully and answer the question below.

Six friends A, B, C, D, E and F have different weights. D weighs more than E but less than A who isn't the heaviest. B weighs less than only two people and he weighs 78 kg. C weighs 8 kg more than D but 21 kg less than A.

Who is the heaviest among all?

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

Correct Option **- 5**

Que. 33 If the average weight of A and B is 83 kg, what will be the weight of A?

1. 60 Kg
2. 88 Kg
3. 66 Kg
4. 70 Kg
5. Can not be determined

Correct Option **- 2**

Que. 34 Who has the second lowest weight among all?

1. A
2. B
3. C

4. D
5. E

Correct Option **- 4**

Que. 35 **Direction:** Read the following information carefully and answer the questions that follow:

There are ten persons namely A, B, C, D, E, F, G, H, I and J attending a meeting on either 11^{th} or 16^{th} of January, February, March, April and May.

E attends the meeting in a month which has less than 31 days. Three persons attend the meeting between B and H. F attends the meeting in March. B attends the meeting on the 16th of the month which has the least number of days. A and D attend on odd dates. D attends on the month which has 30 days. Two persons attend the meeting between J and D. J attends the meeting immediately after I. Two persons attend the meeting between G and I. E does not attend the meeting in April.

Who attends the meeting on 11^{th} May?

1. D
2. A
3. I
4. C
5. J

Correct Option **- 3**

Que. 36 How many persons attend the meeting between F and J?

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

Correct Option **- 2**

Que. 37 Who attends the meeting immediately after F?

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

Correct Option **- 4**

Que. 38 In which month does G attend the meeting?

1. January
2. February
3. March
4. April
5. May

Correct Option **- 3**

Que. 39 Who attends the meeting immediately before B?

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

Correct Option **- 3**

Que. 40 If it is possible to make only one 4 letter meaningful word without repetition of letter with the second, fourth, sixth and the eighth letters of the word 'DIALOGUE', which would be the second letter of the word? If more than one such word can be formed, give X as the answer. If no such word can be formed, give K as your answer.

1. I
2. E
3. G
4. X
5. K

Correct Option **- 5**

Que. 41 What should come in place of the question mark '?' in the following number series?
1005, 1000, 985, 960, 925, ?

1. 890
2. 885
3. 880
4. 895
5. None of these

Correct Option **- 3**

Que. 42 What should come in place of the question mark '?' in the following number series?
8, 10, 23, 73, ?

1. 297

2. 289
3. 287
4. 301
5. None of these

Correct Option **- 1**

Que. 43 What should come in place of the question mark '?' in the following number series?
88, 99, 92, 97, 94, ?

1. 90
2. 98
3. 96
4. 88
5. 91

Correct Option **- 3**

Que. 44 What should come in place of the question mark '?' in the following number series?
44, 46, 50, 58, 74, ?

1. 86
2. 90
3. 94
4. 104
5. None of these

Correct Option **- 5**

Que. 45 What should come in place of the question mark '?' in the following number series?
4, 8, 35, 51, 176, ?

1. 210
2. 212
3. 206
4. 225
5. None of these

Correct Option **- 2**

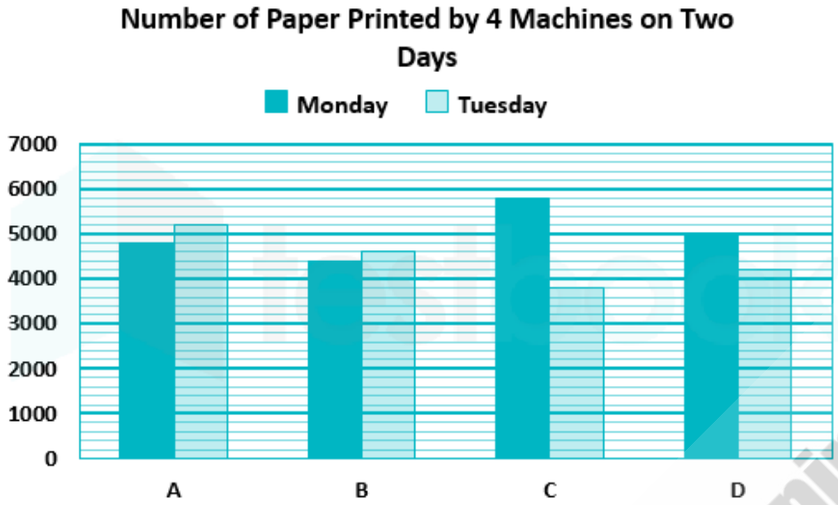
Que. 46 What should come in place of the question mark '?' in the following number series?
500, ?, 250, 750, 187.5

1. 250
2. 700

3. 300
4. 500
5. None of these

Correct Option - **4**

Que. 47 **Directions:** Study the following bar graph carefully to answer the following questions.
The bar graph shows the number of paper printed by different machines on Monday and Tuesday



Find the average of the total number of papers printed on Tuesday.

1. 4425
2. 4375
3. 4450
4. 4280
5. 4190

Correct Option - **3**

Que. 48 Number of papers printed by D on Tuesday is what percent less than number of papers printed by A on Monday?

1. 12.5%
2. 16.66%
3. 8.33%
4. 8.25%
5. 6.25%

Correct Option - **1**

Que. 49 Find the ratio between the total number of papers printed by machine A and machine D on given days.

1. 23 : 25

2. 25 : 23
3. 55 : 48
4. 48 : 55
5. 24 : 23

Correct Option **- 2**

Que. 50 Find the difference between the total number of papers printed by machine B and machine C on given days.

1. 500
2. 700
3. 800
4. 600
5. 300

Correct Option **- 4**

Que. 51 Find the total numbers of papers printed on Monday.

1. 18,000
2. 20,000
3. 21,000
4. 19,000
5. 22,000

Correct Option **- 2**

Que. 52 The number of papers printed by machine B on Monday is what percent less than that of machine D on Monday?

1. 14%
2. 15%
3. 12%
4. 18%
5. 10%

Correct Option **- 3**

Que. 53 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 7x + 10 = 0$

II. $y^2 + 8y + 15 = 0$

1. $x > y$
2. $x < y$

3. $x \geq y$
4. $x \leq y$
5. x = y or relation between x and y can not be established.

Correct Option **- 1**

Que. 54 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 + 9x + 20 = 0$

II. $8y^2 - 15y + 7 = 0$

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

Correct Option **- 2**

Que. 55 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 + x - 12 = 0$

II. $y^2 + 2y - 15 = 0$

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

Correct Option **- 5**

Que. 56 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 19x + 90 = 0$

II. $2y^2 - 11y - 63 = 0$

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

I. $x^2 - 9x + 20 = 0$

II. $y^2 - 27y + 180 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. x = y or relation between x and y can't be established

Correct Option **- 2**

Que. 58 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 5x - 14 = 0$

II. $y^2 - 16y + 64 = 0$

1. $x < y$
2. $x > y$
3. $x \leq y$
4. $x \geq y$
5. x = y or the relation between x and y can't be established.

Correct Option **- 1**

Que. 59 A and B invested Rs. 8000 and Rs. 12,000 respectively in a business. B left the business after 6 months. Find the profit of B if the total profit after 1 year is Rs. 35,000.

1. Rs. 12,000
2. Rs. 18,000
3. Rs. 15,000
4. Rs. 20,000
5. Rs. 10,000

Correct Option **- 3**

Que. 60 A train of length 500 m crosses a platform of length 200 m in 10 seconds. Find the time taken by the train to cross a man running in the same direction with the speed of 20 m/s.

1. 12 seconds
2. 10 seconds
3. 15 seconds
4. 18 seconds
5. 13 seconds

Correct Option **- 2**

Que. 61 A, B and C can complete a work in 12, 20 and 15 days respectively. A and B started the work and worked for 5 days. Find the time taken by C to complete the remaining work.

1. 4 days
2. 5 days
3. 6 days
4. 3 days
5. None of these

Correct Option **- 2**

Que. 62 Ram marked the price of an article by 25% more and then gave a discount of 10% to a customer. Find the price at which he sold the article if its cost is Rs. 5000.

1. Rs. 5625
2. Rs. 5500
3. Rs. 5275
4. Rs. 6250
5. Rs. 6000

Correct Option **- 1**

Que. 63 The speed of a boat in still water and the speed of a stream are 15 km/hr and 3 km/hr respectively. Find the time taken to cover 72 km from starting point and then return to the starting point.

1. 12 hours
2. 8 hours
3. 10 hours
4. 15 hours
5. None of these

Correct Option **- 3**

Que. 64 An amount is invested at the rate of 20% compounded annually and becomes Rs. 8640 after 3 years. Find the amount invested.

1. Rs. 4500
2. Rs. 4000
3. Rs. 4800
4. Rs. 5500
5. Rs. 5000

Correct Option **- 5**

Direction: Study the table carefully and answer the following questions.

Que. 65 The following table shows the total number of students from four schools learning either French or German.

School Name	Total number of Students (Boys + Girls)	French
A	550	250
B	625	330
C	680	380
D	575	240

Find the total number of students learning German from all the four schools.

1. 1190
2. 1250
3. 1230
4. 1340
5. 1070

Correct Option **- 3**

Que. 66 The number of students learning German from school B is what percent more than the number of students learning French from school A?

1. 18%
2. 21%
3. 16%
4. 22%
5. 24%

Correct Option **- 1**

Que. 67 Find the ratio between the total number of students learning German and French.

1. 40 : 41
2. 41 : 40
3. 41 : 39
4. 39 : 41
5. None of these

Correct Option **- 2**

Que. 68 If the ratio between boys and girls in all the schools together is 5 : 4, then find the total number of girls.

1. 1030
2. 970
3. 810

4. 1080
5. 1150

Correct Option **- 4**

Que. 69 Find the difference between the number of students learning German from school C and that of school D.

1. 25
2. 20
3. 35
4. 10
5. 40

Correct Option **- 3**

Que. 70 Ratio of milk and water in a mixture of 50 litres is 4 : 1. 10 litres of the mixture is taken out from the mixture and then 3 litres of milk and 5 litres of water is added to it. Find the final ratio between milk and water.

1. 33 : 14
2. 36 : 13
3. 34 : 9
4. 35 : 13
5. None of these

Correct Option **- 4**

Que. 71 The diameter of a circle is 10.5 cm and the radius of a sphere is twice the diameter of the circle. Find the volume of the sphere.

1. 38,808 cm^3
2. 25,996 cm^3
3. 30,804 cm^3
4. 35,664 cm^3
5. 40,132 cm^3

Correct Option **- 1**

Que. 72 The difference between the ages of Aditya and his mother is 20 years. After 5 years, the age of his mother will be twice Aditya's age that time. Find the present age of Aditya.

1. 12 years
2. 15 years
3. 10 years
4. 20 years

5. 18 years

Correct Option **- 2**

Que. 73 A man distributed his salary between his 3 children A, B and C in the ratio of 5 : 4 : 7 respectively. If the amount received by C was Rs. 34,300, then find the total amount the man had.

1. Rs. 72,800
2. Rs. 70,400
3. Rs. 78,400
4. Rs. 80,800
5. Rs. 72,600

Correct Option **- 3**

Que. 74 The average age of 25 students of a class is 16 years. If the age of the class teacher is included, the average increases by 1. Find the age of the class teacher.

1. 40 years
2. 38 years
3. 36 years
4. 42 years
5. 45 years

Correct Option **- 4**

Que. 75 Vaibhav scored 25% marks and failed by 32 marks in an examination. Ravi scored 40% marks and got 28 marks more than the passing marks. Find the maximum marks that can be scored in the exam.

1. 410 marks
2. 400 marks
3. 380 marks
4. 350 marks
5. 500 marks

Correct Option **- 2**

Que. 76 **Direction:** Read the information carefully and answer the following questions:

In a school of 750 students, each student likes atleast one of the three colors- Red, Green and Blue. 109 students like only red color, 150 students like only green color and 125 students like only blue color. The number of students who like red and green colors only is 70% of the students who like only green color. The number of students who like red and blue colors only is 60% of the students who like only blue color. 100 students like all the colors.

Find the average number of students who like only one colour.

1. 128

2. 127
3. 126
4. 125
5. 124

Correct Option **- 1**

Que. 77 The number of students who like red and green colors only is how much percent more than the number of students who like red and blue colors only?

1. 35%
2. 40%
3. 45%
4. 50%
5. 42%

Correct Option **- 2**

Que. 78 What is the difference between the number of students who like only one color and the number of students who like only two colors?

1. 115
2. 116
3. 117
4. 118
5. 119

Correct Option **- 4**

Que. 79 Find the ratio of the number of students who like all three colors to the number of students who like only green color.

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

Correct Option **- 5**

Que. 80 Find the number of students who like green and blue colours only.

1. 66
2. 76
3. 86
4. 96

5. 106

Correct Option **- 3**