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80 Questions

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

Ten people P, T, I, U, J, D, N, Z, Y and X are sitting in a straight line facing North with equal distance between each other.

Less than two persons sit to the left of J. Two persons sit between J and T. P is an immediate neighbour of T. As many persons sit to the right of P sit to the left of U. less than five persons sit between J and U. I sit immediate right of U. X and Z are an immediate neighbour. As many persons sits to the left of N sits to the right of X. Y sits fifth to the left of D.

Who sits third to the left of X?

1. U
2. I
3. D
4. Z
5. N

Correct Option - 1

Que. 2 Which of the following pairs represents persons seated at the two extreme ends of the line?

1. XN
2. JY
3. ZJ
4. ZX
5. NZ

Correct Option - 3

Que. 3 Which of the following statement is definitely true?

1. U sits to the immediate left of P
2. Z sits at the extreme left end
3. None of the given statement is true
4. D sits third to the right of U
5. Y sits to the immediate right of N

Correct Option - 5

Que. 4 How many people sit between D and Y?

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

Correct Option - 2

Que. 5 Four of the following five are alike in a certain way and so form a group. Who among the following does not belong to the group?

1. DU

2. PN
3. JT
4. IZ
5. YU

Correct Option - 1

Que. 6 If it is possible to make only one meaningful English word with the 1st, 3rd, 4th, and 5th letters of the word DEPRESSION, 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. E
2. R
3. P
4. X
5. Y

Correct Option - 2

Que. 7 How many pairs of digits are there in the number "749325" each of which has as many numbers between them in the as series of natural numbers both in backward and forward direction?

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

Correct Option - 1

Que. 8 **Directions:** Study the following information carefully and answer the questions below-

D, E, F, G, H, I, J and K are eight persons sitting around a round table out of which four are looking towards the centre of the table and four are looking away from the centre of the table. The following facts are also known about their seating arrangement:

K who is three places away to the right of E is opposite to G.

D who is looking towards the centre of the table is to the immediate left of I who is to the immediate right of K.

E is to the immediate left of G who is to the immediate right of J.

D and F are not adjacent to each other. F is to the immediate right of H.

E who is opposite to I is neither adjacent to J nor F.

What is the position of F with respect to K?

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

Correct Option - 1

Que. 9 Who is opposite to D?

1. E

2. K
3. F
4. H
5. G

Correct Option - 4

Que. 10 Which of the following statement is true?

1. J and F are sitting opposite to each other and are facing towards the centre of the table.
2. D is sitting opposite to F.
3. I and E are adjacent to each other.
4. D is facing towards the centre of the table.
5. None of these.

Correct Option - 4

Que. 11 Person opposite to I is looking _____ the centre of the table and is to the _____ of H?

1. Towards, right
2. Away from, left
3. Away from, right
4. Towards, left
5. None of these

Correct Option - 2

Que. 12 Who is sitting to the immediate left the person who is sitting opposite to G?

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

Correct Option - 4

Que. 13 **Directions:** These questions are based on the following information.

In a family there are eight members - A, B, C, D, E, F, G and H. There are 3 couples. G is the mother of D who is the father of C. D is the nephew of F who is the daughter of E. C's grandfather is the son of H whose wife is the mother of B. F and B are siblings. A is the daughter-in-law of B.

Who among the following is a couple?

1. A and B
2. B and F
3. D and A
4. A and G
5. H and G

Correct Option - 3

Que. 14 How is C related to G?

1. C is the granddaughter of G
2. C is the grandson of G

3. C is the son of G
4. C is the daughter of G
5. Either 1 or 2

Correct Option - 5

Que. 15 How is B related to F?

1. B is the father of F
2. B is the nephew of F
3. B is the brother of F
4. B is the grandfather of F
5. B is the grandmother of F

Correct Option - 3

Que. 16 **Direction:** Read the following information carefully and answer the questions that follow:

Nine people – A, B, C, D, E, F, G, H, and I, visited the dentist in three months namely, January, April, and September, on three different dates, 3rd, 8th, and 23rd of the months, but not necessarily in the same order. No two person visited the dentist on the same day of the same month.

D visited the dentist in one of the months which has 30 days in it. At least three people visited the dentist after D who visited the dentist on a numerically prime date. The two people who visited the dentist between C and E visited in one of the months which has 31 days in it. H visited the dentist on 3rd day of one of the months. B went for his check up on one of the days before E but I visited the dentist on one of the days before B did. Two people went for their check up between F and A. Nobody visited the dentist between A and G.

When did B visit the dentist?

1. 3rd April
2. 8th September
3. 23rd January
4. 3rd January
5. 23rd April

Correct Option - 3

Que. 17 How many people went for the check up after F?

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

Correct Option - 4

Que. 18 Who visited the dentist last?

1. I
2. B
3. A
4. G
5. D

Correct Option - 4

Que. 19 Which amongst the following combination represent the people who went to the dentist on 8th of the month?

1. IFA
2. BGH
3. BGE
4. FCA
5. HIG

Correct Option - 1

Que. 20 Who visited the dentist immediately before A?

1. I
2. G
3. F
4. D
5. H

Correct Option - 5

Que. 21 **Direction:** In the following question assuming the given statement to be true. Find which of the following conclusion(s) among given conclusions is/are definitely true then give your answer accordingly.

Statement: $A > G \geq H = X < D \leq S$

Conclusion:

I. $H > S$

II. $D > A$

1. None is true
2. Only I is true
3. Only II is true
4. Both I and II are true
5. Either I or II is true

Correct Option - 1

Que. 22 **Direction:** In the following question assuming the given statement to be true, find which of the following conclusion(s) among the given conclusions is/are definitely true then give your answer accordingly.

Statement: $A > P < M = V \geq B; M > K$

Conclusion:

I. $A > K$

II. $P < V$

1. Only I is true
2. Only II is true
3. Both I and II are true
4. None is true
5. Either I or II is true

Correct Option - 2

Que. 23 **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: $L < I = Q \geq U; I \leq D > A > T < E$

Conclusion:

I. $U \leq D$

II. $Q > T$

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusions I and II are true
4. Either conclusion I or conclusion II is true
5. None of the conclusion is true

Correct Option - 1

Que. 24 In the following question, assuming the given statement to be true, find which of the conclusions given below is/are definitely true?

Statement:

$X \leq Y \leq Z \leq A < E < D$

Conclusions:

X < A

X = A

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

Correct Option - 3

Que. 25 **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:

Some Cows are Buffalo.

Only a few Buffalo are Camel.

No Camel are Goats.

Conclusions:

I. All Cows are Buffalo.

II. Some Buffalo are not Camel.

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

Correct Option - 2

Que. 26 **Direction:** In the question below three statements are given 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 Window is a Gate.

Some Door is a Window.

No Rod is a Gate.

Conclusions:

I. All Window can be a Gate.

II. Some Door is a Gate.

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

Correct Option - 4

Que. 27 **Directions:** In the question below are given three statements followed by two conclusions. 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:

Some mobiles are tablets

No tablets are clips

Only a few clips are maps

Conclusions:

Some mobiles are not clips

Some clips are not maps

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

Correct Option - 5

Que. 28 **Directions:** In the question below are given three statements followed by two conclusions. 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:

I. Some coolers are fans.

II. No fan is AC.

III. Only a few AC are heater

Conclusions:

- I. All coolers are heater
II. Some coolers are not heaters
1. Only conclusion I follows
 2. Only conclusion II follows
 3. Either conclusion I or II follows
 4. Neither conclusion I nor II follows
 5. Both conclusion I and II follows

Correct Option - 3

Que. 29 **Directions:** Study the following information carefully and answer the given questions.

In a certain code language

- 'ri na pi' means 'India is great',
'pi ua ti ga' means 'It is large country',
'na ja ga si' means 'India have large Population',
'xa ca ja ka' means 'Population requires more resources.'

Which of the following definitely does not means 'resources' in that code language?

1. xa
2. ca
3. ka
4. ja
5. ti

Correct Option - 4

Que. 30 Code 'si' is for which word in the given language?

1. India
2. have
3. large
4. population
5. requires

Correct Option - 2

Que. 31 What would be the code for 'A great country have resources'?

1. za ga ri xa pi
2. pi ma za ti ba xa
3. ri ua si xa za
4. ja pi ta si ha ma
5. ga pi si xa

Correct Option - 3

Que. 32 In a certain language 'India have more resources than Pakistan' is coded as 'pe si na ka xa va' what would be the code for 'Pakistan'?

1. pe
2. ka
3. va

4. either 'va' or 'pe'
5. si

Correct Option - 4

Que. 33 Code 'si na ri ba' is for which of the following sentence in given language?

1. It have huge resources
2. India have great resources
3. India have great culture
4. It have large resources
5. India have large resources

Correct Option - 3

Que. 34 **Directions:** Read the instructions carefully and answer the question below.

Seven people, L, M, N, O, P, Q, and R, went to a grocery store and spent a certain amount there. No two people spent the same amount.

Two people spent more than Q but less than M. R spent either the least amount or the highest amount. N spent more amount than P. Only one person spent less than L but more than R. At least four people spent more than O.

If O spent Rs. 450, P spent Rs. 700 and M spent Rs. 1000. Then which of the following is the possible amount spent by Q?

1. Rs. 750
2. Rs. 1150
3. Rs. 850
4. Rs. 600
5. Rs. 400

Correct Option - 4

Que. 35 Who spent the highest amount?

1. L
2. M
3. N
4. O
5. R

Correct Option - 2

Que. 36 **Direction:** Study the following information carefully and answer the questions as follows

Seven persons – A, B, C, D, E, F and G have come to a party in different coloured cars – red, black, white, green, grey, yellow and maroon but not necessarily in the same order. They hold different positions – AM (Assistant Manager), MG (Manager), DGM (Deputy General Manager), GM (General Manager), CGM (Chief General Manager), ED (Executive Director) and CEO (Chief Executive Officer). The positions given are in increasing order of seniority. AM is the least junior and the CEO is the most senior. A is senior to only three persons. Person who came in red car is senior to GM, but not the CEO. C is junior to the one who came in white car and senior to DGM. DGM did not come in yellow car. The person who came in white car is not the most senior. B is junior to A but not the least junior and has come in yellow car. F is senior to one came in yellow car and junior to one came in red car. E is junior to GM. The one who came in green car is junior to G and senior to DGM who came in maroon car. F did not come in white car. D came in black car.

Which colour car does CEO has?

1. Black
2. White
3. Green
4. Red
5. Grey

Correct Option - 1

Que. 37 Who is Manager?

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

Correct Option - 2

Que. 38 Who has White car?

1. CEO
2. CGM
3. ED
4. AM
5. MG

Correct Option - 3

Que. 39 Who has maroon colour car?

1. F
2. B
3. A
4. C
5. None of these

Correct Option - 1

Que. 40 Which combination is not true?

1. D – CEO
2. G - ED
3. A – GM
4. E – MG
5. None of these

Correct Option - 4

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

$$(3^3 + 66.66\% \text{ of } 625)/3^{-2} + 54.55/3^3 = ?$$

1. 3655
2. 3785
3. 3700

4. 3725
5. 3998

Correct Option - 5

Que. 42 **Direction:** What should come in place of question mark (?) in the following question? (You do not have to calculate the exact value.)

$$480.02 \times 26.04 \div 38.89 + (?) = 2^5 + 5^4$$

1. 388
2. 395
3. 385
4. 337
5. 325

Correct Option - 4

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

$$5342.01 \div 43.98 + 129.01 = ?$$

1. 250
2. 230
3. 224
4. 200
5. 280

Correct Option - 1

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

$$[22.83 \times (1.89)^2 \times (23.89)^2] \div \{2.01 \times \sqrt{(1295.96)}\} = (3.08)^2 + 7.19$$

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

Correct Option - 3

Que. 45 What approximate value should come in the place of question mark (?) in the following question?

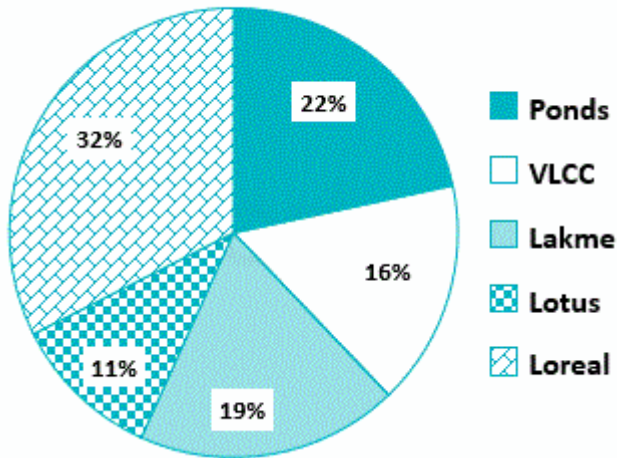
$$54.59\% \text{ of } 239.96 + (7.89)^3 \times 3.94 - 768.08 \div 31.94 \times 7.98 = ?$$

1. 1878
2. 2108
3. 1988
4. 1828
5. 1798

Correct Option - 3

Que. 46 A shopkeeper sold 5 different kinds of cosmetic cream, the number of products sold by the shopkeeper in a month is represented as per the given pie chart. Total number of creams sold by the shopkeeper is 800.

Number pieces sold



Find the total number of ponds cream sold by the shopkeeper.

1. 186
2. 166
3. 176
4. 192
5. 202

Correct Option - 3

Que. 47 What is the difference between the number of products of the Ponds and the Lotus cream sold?

1. 77
2. 88
3. 93
4. 69
5. 83

Correct Option - 2

Que. 48 Find the average number cream packets sold by the shopkeeper per day?

1. 23.67
2. 25.5
3. 32.33
4. 26.67
5. 16.67

Correct Option - 4

Que. 49 What is the sum of the total number of Ponds, Lakme and Lotus cream packets sold by the shopkeeper during the month?

1. 520
2. 416
3. 327
4. 475
5. 422

Correct Option - 2

- Que. 50** Total number of Lakme cream sold is what percentage of the total number of Loreal cream sold?
1. 59.37%
 2. 55.89%
 3. 62.23%
 4. 52.74%
 5. 67.83%

Correct Option - 1

- Que. 51** Prashant invested Rs. 1500 and Rs. 1000 in two different banks for 2 years. Rate of simple interest offered by 2nd bank is 3% less than the rate of interest offered by 1st bank. If the difference of interest received from both bank is Rs. 150. Find the rate of interest offered by 1st bank.
1. 14%
 2. 9%
 3. 12%
 4. 27%
 5. 30%

Correct Option - 2

- Que. 52** The average salary in an industry having a staff of 16 engineers and 30 clerks is Rs. 750. The average salary of engineers is Rs. 1200. Find the average salary of clerks.
1. 480
 2. 500
 3. 510
 4. 515
 5. 525

Correct Option - 3

- Que. 53** If the length of a chord is 48 cm which is at a certain distance from the centre of a circle of radius 25 cm. Find distance between chord from centre of the circle?
1. 7 cm
 2. 4 cm
 3. 5 cm
 4. 49 cm
 5. 6 cm

Correct Option - 1

- Que. 54** **Directions: Read the following table carefully and answer the questions given below.**

The following table shows the number of persons living in five different societies and the percentage of Men, Women and Children.

Society	Number of Persons	Men	Women	Children
A	1600	25%	30%	45%
B	1200	30%	40%	30%
C	1000	20%	40%	40%

D	1500	40%	40%	20%
E	2400	25%	25%	50%

Find the total number of women living in all the societies together.

1. 2260
2. 2340
3. 2560
4. 2620
5. 2840

Correct Option - 3

Que. 55 Find the ratio between the number of men living in Society D to the number of children living in Society A.

1. 2 : 3
2. 6 : 7
3. 11 : 14
4. 5 : 6
5. 1 : 4

Correct Option - 4

Que. 56 What is the average number of children living in all the societies together?

1. 576
2. 606
3. 616
4. 586
5. 596

Correct Option - 5

Que. 57 Number of women living in Society B is what percent of the number of children living in Society E?

1. 33.33%
2. 40%
3. 66.66%
4. 25%
5. 50%

Correct Option - 2

Que. 58 Number of males living in Society B is how much percent more than the number of children living in Society D?

1. 20%
2. 33.33%
3. 16.67%
4. 25%
5. 30%

Correct Option - 1

Que. 59 In the question, a number series is given and in the series only one number is wrong. Find the wrong number.

992, 1056, 1122, 1192, 1260, 1332

1. 992
2. 1260
3. 1192
4. 1122
5. 1056

Correct Option - 3

Que. 60 In the following number series, only one number is wrong. Find out the wrong number.

3, 7, 15, 39, 63, 127, 255, 511

1. 15
2. 39
3. 63
4. 127
5. 7

Correct Option - 2

Que. 61 In the following series one number is wrong, Find out the wrong number.

60, 30, 150, 75, 375, 187.5, 935.5

1. 30
2. 150
3. 75
4. 375
5. 935.5

Correct Option - 5

Que. 62 In the following number series, only one number is wrong. Find out the wrong number.

15 18 43 168 511 1240

1. 15
2. 18
3. 43
4. 168
5. 511

Correct Option - 2

Que. 63 In the following number series only one number is wrong. Find out the wrong number.

1, 3, 10, 21, 64, 129, 356, 777

1. 21
2. 129
3. 10
4. 356

5. None of these

Correct Option - 4

Que. 64 In alloy A ratio of Iron and Zinc is 3 : 1 and in alloy B the ratio is 3 : 7. They are mixed together in the ratio of 2 : x to make another alloy C. In alloy C ratio of Iron and Zinc becomes 3 : 4. What is the value of x?

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

Correct Option - 3

Que. 65 The multiplication of Kishan's age before 3 years and after 6 years is 486. Find out the average of 5 years back age and age of Kishan after 5 years.

1. 20 years
2. 21 years
3. 25 years
4. 22 years
5. None of the above

Correct Option - 2

Que. 66 The cost price of a bag is 72% of its marked price. A discount of 46% is given on it. The marked price of toy is equal to the cost price of bag. If the toy was given a discount of 20% which is equal to Rs. 20, what is the loss on the bag (in Rs.)?

1. 32.5
2. 27.5
3. 35
4. 25
5. 28

Correct Option - 4

Que. 67 Find the relation between x and y.

$$3x^2 - 19x + 28 = 0$$

$$5y^2 - 18y + 16 = 0$$

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

Correct Option - 1

Que. 68 In the given question, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer.

I. $x^2 - 66x - 432 = 0$

$$\text{II. } y^2 - 24y + 140 = 0$$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or no relation can be obtained

Correct Option - 5

Que. 69 In the question, one or more equations(s) is (are) provided. On the basis of these you have to give answer

(i) $q^2 - 11q + 30 = 0$

(ii) $2p^2 - 7p + 6 = 0$

1. $p = q$
2. $p > q$
3. $q > p$
4. $p \geq q$
5. $q \geq p$

Correct Option - 3

Que. 70 Two equations I and II are given in each question. On the basis of these equations decide the relation between x and y.

i. $36x^2 - 6x - 2 = 0$

ii. $36y^2 + 18y + 2 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. Can't say

Correct Option - 3

Que. 71 In the following question two equations I and II are given. You have to solve both the equations and give answer.

I. $x^2 + 3x + 2 = 0$

II. $y^2 - 4y + 1 = 0$

1. $x > y$
2. $x < y$
3. $x = y$
4. $x \geq y$
5. $x \leq y$

Correct Option - 2

Que. 72 A group of three friends A, B and C invest \$100000 for business. 'A' invests \$5000 more than B, and B invests \$8000 more than C. out of the total profit of \$45000. Calculate the share of A in total profit.

1. \$17700
2. \$15600
3. \$11550
4. \$35700
5. \$15355

Correct Option - 1

Que. 73 In a stream that is running at 4 kmph, a boat goes 15 km upstream and back to the starting point in 2 hours. Find the downstream speed of the boat.

1. 12 kmph
2. 18 kmph
3. 16 kmph
4. 20 kmph
5. 22 kmph

Correct Option - 4

Que. 74 There is a leak in the bottom of the tank. This leak can empty the tank in 15 hours. Tap A alone can fill the tank in 6 hours. Tap A opens for 4 hours after that remaining part of the tank is filled by tap B in 18 hours. When both pipes are opened simultaneously, then in what time tank is completely filled?

1. 5 hours
2. 7 hours
3. 2 hours
4. 10 hours
5. 9 hours

Correct Option - 1

Que. 75 A does $\frac{4}{5}$ of a work in 24 days. He then, calls in B and they together finish the remaining work in 2 days. How long B alone would take to do the whole work?

1. 30
2. 24
3. 18
4. 15
5. None of these

Correct Option - 4

Que. 76 **Directions:** Study the following details carefully to answer the questions that follow.

A primary school consists of 1500 students. The ratio of boys to girls is 17 : 13. All the students study in five different classes, class I, II, III, IV and V. 28% of the girls are in class I. 18% of the boys study in class II. One-fifth of the boys study in class V. The ratio of girls to boys in class II is 2 : 3 and 25% of total students are in class III. Girls studying in class V are 60% of the boys studying in the same class. 18% of the girls are in class IV. The remaining girls are in class III. 16% of the boys study in class I and the remaining boys are studying in class IV

What is the number of boys studying in class III?

1. 136
2. 228
3. 253
4. 163

5. 270

Correct Option - 2

Que. 77 Number of boys studying in class IV is what per cent of the number of girls studying in the same class?

1. 145.52%
2. 123.42%
3. 169.12%
4. 150.62%
5. 139.32%

Correct Option - 5

Que. 78 What is the number of girls studying in class V?

1. 147
2. 182
3. 117
4. 102
5. 130

Correct Option - 4

Que. 79 What is the total number of girls studying in class II and IV together?

1. 118
2. 219
3. 81
4. 264
5. 225

Correct Option - 2

Que. 80 Number of girls studying in class I is approximately what percent of total number of students in the school?

1. 9%
2. 12%
3. 18%
4. 22%
5. 28%

Correct Option - 2
