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80 Questions

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

In a certain code language,

'people visit many auditorium' is written as 'bh oa pu ki',

'many places like visit' is written as 'pu mh jk oa',

'people like discover places' is written as 'bh jk eg mh'

'auditorium visit discover things' is written as 'ki oa eg qw'.

Note that all the codes are of two letters.

What is the code for word 'discover' in this language?

1. mh
2. eg
3. qw
4. either mh or eg
5. oa

Correct Option - 2

Que. 2 which of the following word is coded as 'ki' in the given coding language?

1. many
2. visit
3. auditorium
4. people
5. things

Correct Option - 3

Que. 3 What is the code for the word 'visit' in the given language?

1. mh
2. oa
3. jk
4. either 'mh' or 'jk'
5. bh

Correct Option - 2

Que. 4 What will the code for 'discover grievance' in the given coding language?

1. eg qw
2. jk mh

3. ki pb
4. bh oa
5. pb eg

Correct Option - 5

Que. 5 Which of the following word is coded as 'bh' in the given coding language?

1. people
2. many
3. things
4. places
5. visit

Correct Option - 1

Que. 6 If it's possible to make a meaningful word from the 6th, 7th, and 8th letters of the word DOMINANT, then which will be the third letter of the word from the left side? Mark 'X' if no such word can be formed, 'Y' if more than 1 such word can be formed.

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

Correct Option - 5

Que. 7 **Direction:** Read the given information carefully and answer the questions that are given below.

There are 10 persons namely J, K, L, M, N, P, Q, R, S, and T. They stay in a five floored building. The bottom floor is numbered 1 and the top floor is numbered 5. Each floor of the building has two flats namely flat A and flat B. Flat A is to the west of flat B. Flat A of floor 2 is immediately above the flat A of floor 1 and immediately below flat A of floor 3 and flat B of floor 2 is immediately above the flat B of floor 1 and immediately below the flat B of floor 3, it is similar for all the other floors. Here, the same flat type means if one person stays in flat A then the other person also stays in flat A if they are staying in the same flat type.

Q stays in flat A of an odd-numbered floor, but not the topmost floor. There are two floors between the floor of N and R. J stays just above Q. S and N are in different flat types on different floors. S stays on the topmost floor. There is no one to the east of R. M is to the north-east of L. N and R stay in the same flat type. P stays on one of the floors below Q, but not immediately below. R's floor is just below the floor of S. M does not stay on the fifth floor. T stays below K.

Who is staying to the west of M?

1. S
2. L
3. J
4. Q
5. R

Correct Option - 4

Que. 8 How many floors are there between T and K?

1. One
2. Two
3. Three
4. They are on the same floor
5. Zero

Correct Option - 2

Que. 9 Who stays second above L on the same type of flat as that of L?

1. R
2. K
3. S
4. P
5. J

Correct Option - 5

Que. 10 Who stays immediately below K?

1. S
2. M
3. R
4. T
5. P

Correct Option - 3

Que. 11 Which pair of persons stays on the fourth floor?

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

Correct Option - 4

Que. 12 **Direction:** 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: $C > W$; $G < N$; $W = T$; $N \leq T$

Conclusions:

I. $C > G$

II. $W \geq N$

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

Correct Option - 3

Que. 13 **DIRECTIONS:** In each of the following questions 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: $A < B \geq C$; $D > E > A$; $C = F > G$

Conclusions:

I. $D \geq C$

II. $B > G$

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

Correct Option - 1

Que. 14 **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: $A > B = C$, $D < M$, $M \leq C$

Conclusion:

I. $B > M$

II. $D < A$

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

Correct Option - 2

Que. 15 **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: $Y = O \leq G \leq K = U > L > P; Y = A \geq R$

Conclusions

I. $U > R$

II. $R = U$

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

Correct Option - 4

Que. 16 **DIRECTIONS:** In each of 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: $L > B < J \leq Q; T = O < L; P = Q$

Conclusions:

I. $T < L$

II. $P \geq J$

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

Correct Option - 3

Que. 17 **Direction:** Read the given information carefully and answer the questions that are given below.

There are seven persons in a company namely A, B, C, D, E, F and G. They have different designations starting from clerk, PO, assistant manager, manager, deputy general manager, general manager, and managing director. Starting from the managing director being the highest post and the clerk being the lowest post. They all like different colours namely red, blue, white, black, green, orange, and yellow.

The one who likes red has the highest post. Only three persons have posts lower than that of B, who likes blue. F likes yellow and has a post higher than that of B. There are two posts between B and E, who likes white colour. The one who likes black colour has a post which is just higher than that of E. F is not the general manager. A likes green colour and is senior to G, who is the assistant manager and likes orange colour. C does not have the highest post.

Who likes black colour?

1. E
2. A
3. F
4. The one who is the PO
5. The one who is the manager

Correct Option - 4

Que. 18 How many persons have posts lower than A?

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

Correct Option - 5

Que. 19 Who has the designation of deputy general manager?

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

Correct Option - 5

Que. 20 How many persons are there who have their posts in between D and the one who likes orange colour?

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

Correct Option - 2

Que. 21 Which of the following pair of name – designation – colour is correct?

1. D – General Manager – Yellow
2. B – Assistant Manager – Blue
3. E – PO – White
4. A – General manager – Green
5. G – manager – orange

Correct Option - 4

Que. 22 How many pairs of letters are there in the word “SECURITY” each of which has as many letters between them in the word (in the forward and backward direction) as they have between them in the English alphabetical order?

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

Correct Option - 3

Que. 23 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 321754, then which number/numbers are repeated more than once?

1. Only 4
2. Both 4 and 6
3. 4, 6, 8
4. Only 6
5. None

Correct Option - 2

Que. 24 **Direction:** Read the given information carefully and answer the questions that are given below.

There are nine persons namely, J, K, L, M, N, O, P, Q, and R. They all are sitting in a row. Some are facing north and some are facing south. The person facing in the same direction means that if one person faces in the north direction then the other also faces north direction. If persons are facing opposite directions then if one is facing north then the other faces in the south direction and vice-versa. The number of persons facing south is more than the number of persons facing north.

The one who is sitting in the middle of the row faces in the north direction. The persons sitting on the extreme ends are facing in opposite directions. J sits on one of the extreme ends. The person sitting second to the right of the one who is on the extreme left end is facing opposite to the one who is sitting on the extreme left end. N faces in the north direction. The person sitting on the extreme right end faces south. Two persons are sitting between N and Q. P is sitting immediately to the right of J, and faces in the opposite direction to that of J. K is sitting third from the left end. Q is sitting in the middle of the row. J does not face the south. R is near to N. Three persons are sitting between K and L, and both are facing in the same direction. Immediate neighbours of Q are facing in the opposite direction. O and N is facing in the same direction and there is only one person between O and N.

Who is sitting third to the left of K?

1. N
2. J
3. Q
4. O
5. L

Correct Option - 4

Que. 25 How many persons are not facing north?

1. Four
2. Five

3. Two
4. Three
5. Six

Correct Option - 2

Que. 26 Who is sitting third from the right end?

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

Correct Option - 3

Que. 27 How many persons are sitting to the left of L?

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

Correct Option - 3

Que. 28 Which of the following pairs of 'Name – Face direction' is correct?

1. L - North
2. M - South
3. K - North
4. N - South
5. J - South

Correct Option - 2

Que. 29 **Direction:** Read the given information carefully and answer the questions that are given below.

There are seven persons in a family namely, D, G, J, K, N, M, and P. N is the mother of J. D is the son-in-law of N. G is the son of D. K is the only maternal aunt of G. D does not have any brother-in-law. N and M are a married couple. D has only one brother.

How is P related to G?

1. Aunt
2. Paternal Uncle
3. Father
4. Mother

5. Grandfather

Correct Option - 2

Que. 30 How many female members are there in the family?

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

Correct Option - 4

Que. 31 How is M related to D?

1. Father
2. Mother
3. Sister
4. Son-in-law
5. Father-in-law

Correct Option - 5

Que. 32 **Direction:** Study the given information carefully and answer the following questions.

Ten Boxes A, B, C, D, E, F, G, H, I and J are placed one above the other in any particular order. Box number 1 is at the top and Box number 10 is at the bottom. There are three boxes between Box A and Box B. Box I is placed on an even numbered position. Box J is immediately above F and immediately below C. Box G is placed between the Box D and Box H. There are three boxes between Box D and Box I. Box B is neither at the top nor at the bottom. Box F is at ninth position. Box G is immediately above Box H. Which box is placed at the top?

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

Correct Option - 1

Que. 33 Which of the following box is placed at the position number 3?

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

Correct Option - 2

Que. 34 Which of the following box is placed immediately below I?

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

Correct Option - 5

Que. 35 Four among the five are alike in certain way. Find the one that does not belong to that group.

1. G
2. B
3. C
4. J
5. F

Correct Option - 4

Que. 36 What is the Box number of Box H?

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

Correct Option - 3

Que. 37 **Direction:** Study the following information carefully and answer the question given below.

Certain numbers of persons are sitting in a row. All are facing in the north direction. M sits third to the left of N. Five people sit between M and K. S sits second to the right of K. O sits fifth to the right of R who is an immediate neighbor of M. L sits second to the left of O. K sits third from one of the extreme ends. O is not an immediate neighbor of N. Number of people sit between R and L is same as the number of people sits to the right of O.

How many people are sitting in the given row?

1. 18
2. 15
3. 17
4. 19
5. 13

Correct Option - 3

Que. 38 If Q sits between R and N then what is the position of S with respect to Q?

1. Fifth to the right
2. Fifth to the left
3. Sixth to the right
4. Sixth to the left
5. Seventh to the right

Correct Option - 4

Que. 39 The number of people sits to the left of S is same as the number of people sits to the right of _____?

1. N
2. L
3. O
4. R
5. None of these

Correct Option - 2

Que. 40 How many people sit between O and K?

1. Two
2. Seven
3. Nine
4. Eleven
5. Thirteen

Correct Option - 4

Que. 41 Find the wrong number in the following series.

40320, 5040, 720, 120, 30, 6, 2

1. 720
2. 5040
3. 30
4. 6
5. 120

Correct Option - 3

Que. 42 In each of the following number series, the wrong number is given, find out that number.

66, 56, 65, 57, 64, 58, 61

1. 56
2. 65
3. 57
4. 58
5. 61

Correct Option - 5

Que. 43 In each of the following number series, the wrong number is given, find out that number.
8, 17, 35, 71, 145, 287, 575

1. 145
2. 35
3. 575
4. 287
5. 71

Correct Option - 1

Que. 44 Find the wrong number in the following series.
3, 5, 7, 11, 13, 17, 23

1. 7
2. 5
3. 17
4. 23
5. 13

Correct Option - 4

Que. 45 Find the wrong number in the following series.
545, 537, 521, 489, 425, 297, 43

1. 521
2. 537
3. 43
4. 297
5. 489

Correct Option - 3

Que. 46 Find the wrong number in the following series.
210, 206, 197, 181, 156, 121, 71

1. 71
2. 121
3. 181
4. 156
5. 206

Correct Option - 2

Que. 47 10 men can do $\frac{2}{5}$ part of a work in 10 days. Find time taken by 25 men to complete the whole work.

1. 10 days
2. 20 days
3. 15 days
4. 8 days
5. 12 days

Correct Option - 1

Que. 48 A, B and C started a business by investing the sum of money in the ratio of 3 : 4 : 2 and after one year the profit earned by B is Rs. 20,000, then find the total profit which was earned by all three after one year.

1. Rs. 42000
2. Rs. 45000
3. Rs. 38000
4. Rs. 50000
5. Rs. 40000

Correct Option - 2

Que. 49 A sum of money invested for 2 years at 20% compounded annually and similar money invested for 3 years on simple interest at 10% per annum. If the difference between interests is Rs. 280, then find the sum of money.

1. Rs. 2500
2. Rs. 3000
3. Rs. 4000
4. Rs. 2000
5. Rs. 1500

Correct Option - 4

Que. 50 Total surface area of a sphere is $400\pi \text{ m}^2$. If length of a rectangle is equal to diameter of sphere and breadth of rectangle is 3 metre smaller than its length, then find the area of rectangle.

1. 360 m^2

2. 320 m^2
3. 380 m^2
4. 280 m^2
5. 340 m^2

Correct Option - 5

Que. 51 In a mixture the ratio of liquid A and liquid B is 3 : 2. If a 5-liter mixture is drawn out and in the final mixture, the quantity of liquid A is 12 litre more than liquid B, then find the initial quantity of liquid A in the mixture.

1. 36 litre
2. 39 litre
3. 32 litre
4. 45 litre
5. 42 litre

Correct Option - 2

Que. 52 **Directions:** Read the given information carefully and answer the following questions.

Three streams Arts, Science, and Commerce are offered in 3 colleges A, B, and C.

- (1) There are 1750 students in college A. The number of Commerce students in college A is 400 more than that of in Science in college A. the ratio of the number of students in college A in Arts and Science is 23 : 2.
- (2) There are 3250 students in Arts in all colleges. The number of students in Science in all colleges is 37.5% less than that of in Commerce in all colleges.
- (3) The number of Arts students in college C is 10% more than that of in college B. the ratio of the number of students in Science in college B to that of in college C is 3 : 4.
- (4) The number of students in Commerce in college B is 30% less than that in college A. total number of students in college B is 280 less than that of in college C.

The total number of students in college B is what percent more/less than that of in Science in all colleges?

1. 106.25%
2. 141.25%
3. 118.75%
4. 96.96%
5. 105.50%

Correct Option - 1

Que. 53 If 30 students from Science of college A are shifted to the respective streams in college C then what would be the difference between the number of students in Science in college A and C?

1. 300
2. 360
3. 330

4. 240
5. 270

Correct Option - 2

Que. 54 If the number of students in Science in college B increased by 10% then what would be the ratio of the number of students in Science in college A to that of in college B?

1. 10 : 27
2. 13 : 30
3. 4 : 11
4. 1 : 3
5. 10 : 33

Correct Option - 5

Que. 55 What is the average number of students in Commerce in colleges B and C?

1. 550
2. 465
3. 425
4. 390
5. 350

Correct Option - 4

Que. 56 What is the ratio of the number of students in Arts in college A and B together to that of in Science in college B and C together?

1. 43 : 4
2. 43 : 14
3. 3 : 1
4. 21 : 5
5. None of the above

Correct Option - 2

Que. 57 In the following question, two equations numbered I and II are given. You have to solve both the equations and give the answer:

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

II. $y^2 + 5y + 6 = 0$

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

4. $x \leq y$
5. $x = y$ or the relation cannot be determined

Correct Option - 5

Que. 58 In the following question, two equations numbered I and II are given. You have to solve both the equations and give answer:

I. $y^2 = 49$

II. $(x - y)^2 = 0$

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

Correct Option - 5

Que. 59 In the following question, two equations numbered I and II are given. You have to solve both the equations and give the answer:

I. $x^2 - 28 + 3x = 0$

II. $8y^2 - y - 9 = 0$

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

Correct Option - 5

Que. 60 In the following question, two equations numbered I and II are given. You have to solve both the equations and give answer:

I. $x^2 + 13x + 40 = 0$

II. $y^2 + 7y + 10 = 0$

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

Correct Option - 4

Que. 61 In the following question, two equations numbered I and II are given. You have to solve both the equations and give the answer:

I. $4x^2 - 3x - 1 = 0$

II. $2y^2 - 7y - 9 = 0$

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

Correct Option - 5

Que. 62 Length of first train is 300 meter and its speed is 25 km/h and length of second train is 200 metre and both the trains are running towards each other. If higher speed train crosses the lower speed train in 45 seconds, then find the speed of second train in km/hr.

1. 12 km/hr
2. 10 km/hr
3. 54 km/hr
4. 62 km/hr
5. 15 km/hr

Correct Option - 5

Que. 63 A boat covers 36 km downstream in 4 hours and 18 km upstream in 6 hours. Find the speed of boat in still water.

1. 12 km/hr
2. 9 km/hr
3. 6 km/hr
4. 5 km/hr
5. 3 km/hr

Correct Option - 3

Que. 64 Two unbiased dice are rolled simultaneously. Find the probability of getting sum greater than 5.

1. $13/18$
2. $23/36$
3. $7/9$
4. $5/9$
5. $11/18$

Correct Option - 1

Que. 65 3 years ago, the ratio of age of A and B is 1 : 3 and the ratio of present age of B and C is 2 : 7. Find the C's age after 3 years if sum of present age of A and B is 34 years.

1. 81 years
2. 87 years
3. 78 years
4. 89 years
5. 85 years

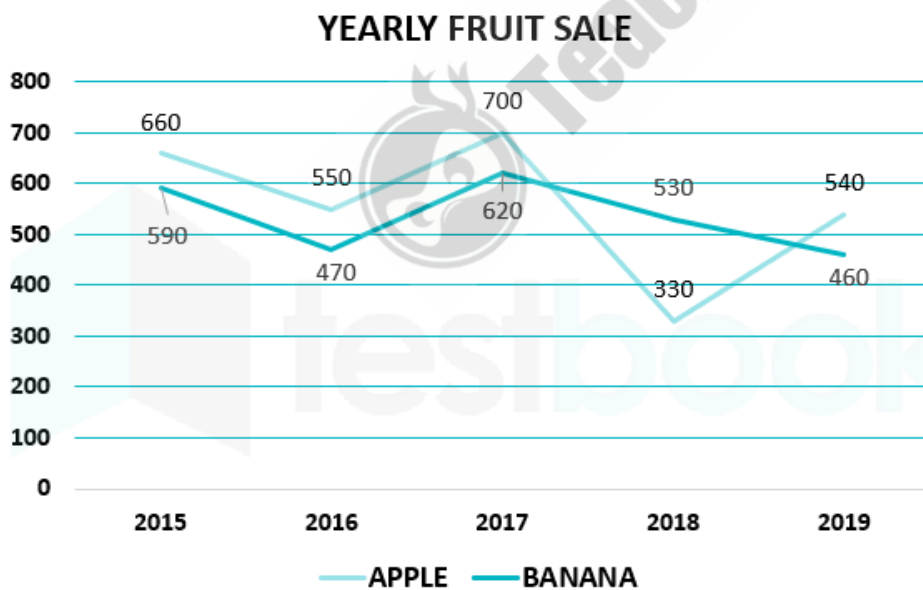
Correct Option - 2

Que. 66 A person invests 10% of his income on mutual fund and expends 70% of the remaining on groceries and transport. The ratio of expenditure on groceries and that of transport is 2 : 7. Find the total income if the expenditure on groceries is Rs.2800.

1. Rs. 30000
2. Rs. 15000
3. Rs. 24000
4. Rs. 20000
5. Rs. 28000

Correct Option - 4

Que. 67 Direction: Read the Graph carefully and answer the following questions:
The following Line graph shows the number of Fruits (Apple and Banana) sold in five different years.



What is the overall average sale of banana?

1. 524
2. 528

3. 538
4. 542
5. 534

Correct Option - 5

Que. 68 What is the ratio between the sales of apple in 2016 to banana in 2018?

1. 52 : 41
2. 56 : 47
3. 55 : 53
4. 65 : 61
5. 62 : 49

Correct Option - 3

Que. 69 In which year is the difference between the sale of apple and banana recorded the most?

1. 2015
2. 2016
3. 2017
4. 2018
5. 2019

Correct Option - 4

Que. 70 The total number of sale of banana in 2017 is what percent of the total number of sale of apple in 2017?

1. 88.5%
2. 87.5%
3. 92.5%
4. 96.5%
5. 82.5%

Correct Option - 1

Que. 71 Sale of Banana is what percentage more than sale of Apple in 2018?

1. 62.6%
2. 63%
3. 60.6%
4. 64.2%
5. 66.66%

Correct Option - 3

Que. 72 The marked price of an article is 150% more than the cost price and the discount given on the marked price is 30%. If the difference between selling price and cost price is Rs.525, find the cost price of the article.

1. Rs. 500
2. Rs. 550
3. Rs. 650
4. Rs. 700
5. Rs. 750

Correct Option - 4

Que. 73 A invest Rs.3000 and B invest x amount in a partnership. After 6 months, C replaced B with some amount in his hand. If A's share in profit at the end of the year is Rs.2000, find the amount that B invested.

1. Rs. 2000
2. Rs. 2500
3. Rs. 3500
4. Cannot be determined
5. Rs. 4000

Correct Option - 4

Que. 74 The average of the seven numbers is 45. We replace two numbers 65 and 54 with 56 and 35. Then find the new average.

1. 41
2. 43
3. 47
4. 45
5. 39

Correct Option - 1

Que. 75 If the ratio of the speed of the boat in downstream and speed of the stream is 7 : 2 and the speed of the boat in still water is 35 km/hr. What would be the distance travelled in upstream by boat in 5 hours?

1. 100 km
2. 90 km
3. 110 km
4. 105 km
5. None of these

Correct Option - 4

Que. 76 Direction: Read the following table carefully and answer the questions given below:-

The given table is showing the number of students in different school:-

Name of school	Total number of girls out of total number of students	Total number of boys out of total number of students
A	420	58%
B	450	70%
C	350	65%
D	550	45%

Find the average number of girls in schools B, C, and D.

1. 400
2. 350
3. 450
4. 500
5. 600

Correct Option - 3

Que. 77 Find the ratio between the total number of boys in school D and the total number of girls in school A.

1. 11 : 9
2. 12 : 7
3. 15 : 14
4. 17 : 13
5. 14 : 11

Correct Option - 3

Que. 78 The total number of girls in school B is what percent of the total number of boys in school D?

1. 80%
2. 120%
3. 125%
4. 75%
5. 100%

Correct Option - 5

Que. 79 Find the ratio between the average number of girls in school B and D together and the average number of boys in school B and C together.

1. 8 : 15
2. 7 : 16
3. 9 : 20
4. 8 : 13
5. 10 : 17

Correct Option - 5

Que. 80 Find the total number of girls in school A is how much percent more or less than the total number of boys in school B.

1. 66.66%
2. 50%
3. 75%
4. 60%
5. 40%

Correct Option - 4

