

100 Questions

Que. 1 In the following questions, select the related word from the given alternatives:-

Giant : Dwarf :: Genius : ?

1. Wicked
2. Gentle
3. Idiot
4. Tiny

Correct Option - 3

Que. 2 In the following questions, select the related word from the given alternatives:-

Forecast : Future :: Regret : ?

1. Present
2. Past
3. Atone
4. Sins

Correct Option - 2

Que. 3 In the following questions, select the related word from the given alternatives:-

Planet : Orbit :: Projectile : ?

1. Track
2. Milky Way
3. Trajectory
4. Path

Correct Option - 3

Que. 4 In the following questions, select the related word from the given alternatives:-

Pesticide : Crop :: Antiseptic : ?

1. Clotting
2. Bandage
3. Wound
4. Bleeding

Correct Option - 3

Que. 5 In the following questions, select the related word from the given alternatives:-

Symphony : Composer :: Fresco : ?

1. Painter
2. Inventor
3. Singer
4. Writer

Correct Option - 1

Que. 6 **Direction:** In the following questions, there is a certain relationship between two given numbers on one side of :: and one number is given on another side of the same :: while another number is to be found from the given alternatives:-

42 : 20 :: 64 : ?

1. 31
2. 32
3. 33
4. 34

Correct Option - 1

Que. 7 **Direction:** In the following questions, there is a certain relationship between two given numbers on one side of :: and one number is given on another side of the same :: while another number is to be found from the given alternatives:-

49 : 81 :: 100 : ?

1. 64
2. 144
3. 169
4. None of the above

Correct Option - 2

Que. 8 **Direction:** In the following questions, there is a certain relationship between two given numbers on one side of :: and one number is given on another side of the same :: while another number is to be found from the given alternatives:-

0.16 : 0.0016 :: 1.02 : ?

1. 0.0102
2. 0.102
3. 1.020
4. 10.20

Correct Option - 1

Que. 9 **Direction:** In the following questions, there is a certain relationship between two given numbers on one side of :: and one number is given on another side of the same :: while another number is to be found from the given alternatives:-

1 : 1 :: 25 : ?

1. 26
2. 625
3. 125
4. 240

Correct Option - 2

Que. 10

Direction : In the following questions four words have been given out, out of which three are alike in some manner and the fourth one is different. Choose out the odd one.

1. Rhea
2. Trout
3. Lamprey
4. Salmon

Correct Option - 1

Que. 11 **Direction :** In the following questions four words have been given out, out of which three are alike in some manner and the fourth one is different. Choose out the odd one.

1. Commander
2. Commodore
3. Brigadier
4. Admiral

Correct Option - 3

Que. 12 **Direction :** In the following questions four words have been given out, out of which three are alike in some manner and the fourth one is different. Choose out the odd one.

1. Microscope
2. Telescope
3. Periscope
4. Stethoscope

Correct Option - 4

Que. 13 **Direction :** In the following questions four words have been given out, out of which three are alike in some manner and the fourth one is different. Choose out the odd one.

1. Thyroxin
2. Adrenalin
3. Iodine
4. Insulin

Correct Option - 3

Que. 14 **Direction:** In the question the letters in a word are replaced by certain other letters according to a specific rule to form its code. You are required to detect the coding pattern / rule and answer the questions accordingly.

In a certain language, OPERATION is written as NODQBUJPO. How is INVISIBLE written in the code?

1. JOWJTJCMF
2. JOWJTHAKD
3. HMUHTJCMF
4. HMUHTHAKD

Correct Option - 3

Que. 15 **Direction:** In the question the letters in a word are replaced by certain other letters according to a specific rule to form its code. You are required to detect the coding pattern / rule and answer the questions accordingly.

In a certain code language, PLEADING is written as FMHCQMFB. How is SHOULDER written in the code?

1. KCDQTIPV
2. QDCKTIPV
3. QDCKVPIT
4. TIPVQDCK

Correct Option - 2

Que. 16 **Direction:** In the question the letters in a word are replaced by certain other letters according to a specific rule to form its code. You are required to detect the coding pattern / rule and answer the questions accordingly.

In a certain code language, GAMBLE is written as FBLCKF. How is FLOWER written in the code?

1. HNQYGT
2. EMNXDS
3. GKPVFQ
4. GMPVDS

Correct Option - 2

Que. 17 **Direction:** In the question generally a set, group or series of numerals is given and you are required to trace out the numerals following certain given conditions.

Sam ranked 9th from top and 38th from the bottom in the class. How many students are there in the class?

1. 45
2. 46
3. 47
4. 48

Correct Option - 2

Que. 18 **Direction:** In the question generally a set, group or series of numerals is given and you are required to trace out the numerals following certain given conditions.

Manoj and Sachin are ranked 7th and 11th respectively from top in a class of 31 students. What will be their respective ranks from the bottom in the class?

1. 20th and 24th
2. 24th and 20th
3. 25th and 21^{at}
4. 26th and 22nd

Correct Option - 3

Que. 19 **Direction:** In the question generally a set, group or series of numerals is given and you are required to trace out the numerals following certain given conditions.

In a row of boys, A is 15th from the left and B is 4th from the right. There are three boys between A and B. C is just left of A. What is C's position from the right?

1. 9th
2. 10th
3. 12th
4. 13th

Correct Option - 1

Que. 20 **Direction:** In the question generally a set, group or series of numerals is given and you are required to trace out the numerals following certain given conditions.

Richard is 15th from the front in a column of boys, there were thrice as many behind him as there were in front. How many boys are there between Richard and the 7th boy from the end of the column?

1. 33
2. 34
3. 35
4. None of these

Correct Option - 3

Que. 21 **Direction:** In the question generally a set, group or series of numerals is given and you are required to trace out the numerals following certain given conditions.

N rank 5th from the start in the class, S is 8th from the last. If T is 6th after N and just in the middle of N and S, then how many students are there in the class?

1. 23
2. 24
3. 25
4. 26

Correct Option - 2

Que. 22 **Direction:** In the question generally a set, group or series of numerals is given and you are required to trace out the numerals following certain given conditions.

In a row of 21 girls when Monica was shifted by four places towards the right, she became 12th from the left end. What was her earlier position from the right end of the row?

1. 8th
2. 10th
3. 12th
4. 14th

Correct Option - 4

Que. 23 **Direction:** In the question some particular objects are assigned code names, then a question is asked that is to be answered in the code language.

If sand is called air, air is called plateau, plateau is called well, well is called island, island is called sky, then from where will a women draw water?

1. Island
2. Well
3. Sky
4. Air

Correct Option - 1

Que. 24 **Direction:** In the question some particular objects are assigned code names, then a question is asked that is to be answered in the code language.

If cloud is called white, white is called rain, rain is called green, green is called air, air is called blue and blue is called water, where will the birds fly?

1. Air
2. Blue
3. Cloud
4. White

Correct Option - 2

Que. 25 **Direction:** In the question some particular objects are assigned code names, then a question is asked that is to be answered in the code language.

If water is called food, food is called tree, tree is called sky, sky is called wall, on which of the following grows a fruit?

1. water
2. food
3. sky
4. tree

Correct Option - 3

Que. 26 **Directions:** In this type you are provided with substitutes for various mathematical symbols or numerals, followed by a question involving calculation of an expression or choosing the correct / incorrect equation. You are required to put in the real signs or numerals in the given equation and then solve the question.

If Q means to +, J means to $\times$, T means -, K means $\div$, then $30\ K\ 2\ Q\ 3\ J\ 6\ T\ 5 =$

1. 18
2. 31
3. 28
4. 103

Correct Option - 3

Que. 27 **Directions:** In this type you are provided with substitutes for various mathematical symbols or numerals, followed by a question involving calculation of an expression or choosing the correct / incorrect equation. You are required to put in the real signs or numerals in the given equation and then solve the question.

If P denotes $\div$, Q denotes $\times$, R denotes + and S denotes -, then what is the value of $18\ Q\ 12\ P\ 4\ R\ 5\ S\ 6?$

1. 59
2. 53
3. 63
4. 65

Correct Option - 2

Que. 28 **Directions:** In this type you are provided with substitutes for various mathematical symbols or numerals, followed by a question involving calculation of an expression or choosing the correct / incorrect equation. You are required to put in the real signs or numerals in the given equation and then solve the question.

If A stands for + B stands for - C stands for $\times$, then what is the value of $(10 \text{ C } 4) \text{ A } (4 \text{ C } 4) \text{ B } 6$?

1. 50
2. 60
3. 56
4. 46

Correct Option - 1

Que. 29 **Directions:** In the following questions, clues are given regarding comparisons among set of persons, things, direction, age, time, numbers etc. You are required to analyse the whole information and answer the given question accordingly.

If a 1 mm thick paper is folded so that the area is halved at every fold, then what would be the thickness of the pile after 50 folds?

1. 100 km
2. 1000 km
3. 1 million km
4. 1 billion km

Correct Option - 4

Que. 30 **Directions:** In the following questions, clues are given regarding comparisons among set of persons, things, direction, age, time, numbers etc. You are required to analyse the whole information and answer the given question accordingly.

A was born 2 years after his father's marriage, his mother is 5 years younger than his father, but 20 years older than A, who is 10 years old. At what age did the father get married?

1. 35 years
2. 25 years
3. 23 years
4. 33 years

Correct Option - 3

Que. 31 **Directions:** In the following questions, clues are given regarding comparisons among set of persons, things, direction, age, time, numbers etc. You are required to analyse the whole information and answer the given question accordingly.

A father tells his son "I was of your present age when you were born". If the father is 36 now, how old was the boy 5 years back?

1. 15 years
2. 13 years
3. 17 years
4. 20 years

Correct Option - 2

Que. 32 **Directions:** In the following questions, clues are given regarding comparisons among set of persons, things, direction, age, time, numbers etc. You are required to analyse the whole information and answer the given question accordingly.

A father is now 3 times old as his son. 5 years back, he was 4 times old as his son. The age of the son (in years) is?

1. 15 years
2. 12 years
3. 18 years
4. 20 years

Correct Option - 1

Que. 33 **Directions:** In the following questions, clues are given regarding comparisons among set of persons, things, direction, age, time, numbers etc. You are required to analyse the whole information and answer the given question accordingly.

A woman says, “if you reverse my own age the figures represents my husband's age. He is, of course, senior to me and the difference between our ages is $\frac{1}{11}^{\text{th}}$ of their sum”. The women’s age is?

1. 23 years
2. 34 years
3. 45 years
4. 50 years

Correct Option - 3

Que. 34 **Directions:** In the following questions, clues are given regarding comparisons among set of persons, things, direction, age, time, numbers etc. You are required to analyse the whole information and answer the given question accordingly.

In a group of 15 people, 7 read French, 8 read English while 3 of them read none of these two. How many of them read French and English both?

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

Correct Option - 2

Que. 35 **Directions:** In the following questions, clues are given regarding comparisons among set of persons, things, direction, age, time, numbers etc. You are required to analyse the whole information and answer the given question accordingly.

M went to movies 9 days ago. She goes to the movies only on Thursdays. What day of the week is today?

1. Thursday

- 2. Saturday
- 3. Sunday
- 4. Tuesday

Correct Option - 2

Que. 36 **Directions:** In the following questions, clues are given regarding comparisons among set of persons, things, direction, age, time, numbers etc. You are required to analyse the whole information and answer the given question accordingly.

If 30th January 2003 was Thursday what was the day on 2nd Mar 2003?

- 1. Sunday
- 2. Tuesday
- 3. Thursday
- 4. Saturday

Correct Option - 1

Que. 37 **Directions:** In the following questions, a matrix of certain characters is given. These characters follow a certain trend, row-wise or column wise. Find out this trend and choose the missing character accordingly.

4	5	6
2	3	7
1	8	3
21	98	?

- 1. 94
- 2. 76
- 3. 73
- 4. 16

Correct Option - 1

Que. 38 **Directions:** In the following questions, a matrix of certain characters is given. These characters follow a certain trend, row-wise or column wise. Find out this trend and choose the missing character accordingly.

963	2	844
464	?	903

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Correct Option - 2

Que. 39 **Directions:** In the following questions, a matrix of certain characters is given. These characters follow a certain trend, row-wise or column wise. Find out this trend and choose the missing character accordingly.

7	4	5
8	7	6
3	3	?
29	19	31

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

Correct Option - 3

Que. 40 **Directions:** In the following questions, a matrix of certain characters is given. These characters follow a certain trend, row-wise or column wise. Find out this trend and choose the missing character accordingly.

42	44	38
23	55	28
37	?	39

- 1. 22
- 2. 33
- 3. 66
- 4. 677

Correct Option - 1

Que. 41 **Directions:** In the question given below contains three elements. These elements may or may not have some inter-linkage. Each group of elements may fit into one of these diagrams at (a), (b), (c) or (d). You have to indicate the group of elements which correctly fits into the diagrams.

Which of the following diagrams indicates the best relation between Doctors, Human Beings and Married People?

- 1. 
- 2. 
- 3. 
- 4. 

Correct Option - 4

Que. 42 **Directions:** In the question given below contains three elements. These elements may or may not have some inter-linkage. Each group of elements may fit into one of these diagrams at (a), (b), (c) or (d). You have to indicate the group of elements which correctly fits into the diagrams.

Which of the following diagrams indicates the best relation between Man, Worker and Garden?

1. 
2. 
3. 
4. 

Correct Option - 4

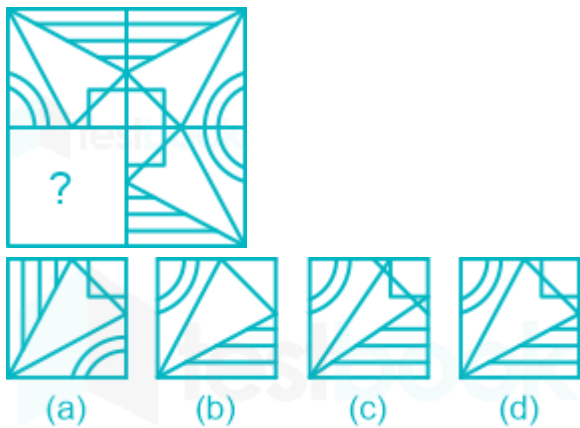
Que. 43 **Directions:** In the question given below contains three elements. These elements may or may not have some inter-linkage. Each group of elements may fit into one of these diagrams at (a), (b), (c) or (d). You have to indicate the group of elements which correctly fits into the diagrams.

Which of the following diagrams indicates the best relation between Males Cousins and Nephews?

1. 
2. 
3. 
4. 

Correct Option - 1

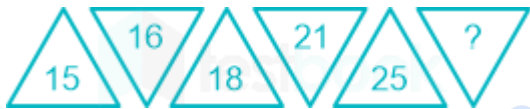
Que. 44 **Directions:** In the following question, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.



- 1. (a)
- 2. (b)
- 3. (c)
- 4. (d)

Correct Option - 4

Que. 45 In the following, a set of figures carrying certain characters is given. Assuming that the figures follow a similar pattern, find the missing character.



- 1. 28
- 2. 30
- 3. 35
- 4. 27

Correct Option - 2

Que. 46 **Directions:** In the following, series of numbers are given following a certain pattern. One term in the number series is wrong. Find the wrong term.

196,169,144,121,80

- 1. 80
- 2. 121
- 3. 169
- 4. 196

Correct Option - 1

Que. 47 **Directions:** In the following, series of numbers are given following a certain pattern. One term in the number series is wrong. Find the wrong term.

1, 3, 7, 15, 27, 63, 127

- 1. 7
- 2. 15

3. 27

4. 63

Correct Option - 3

Que. 48 **Direction:** Choose the odd numeral pair/ group which is different from the others.

1. 95 - 82

2. 69 - 56

3. 55 - 42

4. 48 - 34

Correct Option - 4

Que. 49 **Direction:** Choose the odd numeral pair/ group which is different from the others.

1. 11 - 115

2. 10 - 90

3. 9 - 72

4. 8 - 56

Correct Option - 1

Que. 50 **Direction:** Choose the odd numeral pair/ group which is different from the others.

1. 81 - 63

2. 24 - 48

3. 21 - 15

4. 13 - 39

Correct Option - 4

Que. 51 A number, when divided by 987, gives a remainder 59. When the same number is divided by 21 what is the remainder?

1. 21

2. 19

3. 17

4. 15

Correct Option - 3

Que. 52 If a positive integer leaves remainder 28 when divided by 143, then what is the remainder obtained on dividing the same number by 13?

1. 0

2. 2

3. 9

4. 10

Correct Option - 2

$(N^{p-1} - 1)$ is a multiple of p, if N is prime to p and p is a?

- Que. 53** Prime number
2. Rational number
 3. Real number
 4. Composite number

Correct Option - 1

- Que. 54** LCM of two numbers is 16 times their HCF. The sum of LCM and HCF is 850. If one number is 50, then what is the other number?

1. 800
2. 1200
3. 2400
4. 1600

Correct Option - 1

- Que. 55** The HCF of two numbers is 98 and their LCM is 2352. The sum of the numbers may be?

1. 1372
2. 1078
3. 1426
4. 1484

Correct Option - 2

- Que. 56** How many numbers between 500 and 1000 are divisible by 13?

1. 36
2. 37
3. 38
4. 39

Correct Option - 3

- Que. 57** Which one of the following is a non-terminating and repeating decimal?

1. $\frac{13}{8}$
2. $\frac{3}{16}$
3. $\frac{3}{11}$
4. $\frac{137}{25}$

Correct Option - 3

- Que. 58** Which among the following is the largest?

1. $\frac{7}{9}$
2. $\frac{11}{14}$
3. $\frac{3}{4}$
4. $\frac{10}{13}$

Correct Option - 2

Que. 59 What is the square root of $9 + 2\sqrt{14}$?

1. $1 + 2\sqrt{2}$
2. $\sqrt{3} + \sqrt{6}$
3. $\sqrt{2} + \sqrt{7}$
4. $\sqrt{2} + \sqrt{5}$

Correct Option - 3

Que. 60 What is the smallest number that must be added to 1780 to make it perfect square?

1. 39
2. 49
3. 59
4. 69

Correct Option - 4

Que. 61 If salary of X is 20% more than salary of Y, then by how much percentage is salary of Y less than X?

1. 25
2. 20
3. $\frac{50}{3}$
4. $\frac{65}{4}$

Correct Option - 3

Que. 62 A student has to secure 40% of marks to pass an exam. He gets only 45 marks and fails by 5 marks. The maximum marks are?

1. 120
2. 125
3. 130
4. 150

Correct Option - 2

Que. 63 What is the number which has to be added to each term of the ratio 49 : 68, so that it becomes 3 : 4 ?

1. 3
2. 5
3. 8
4. 9

Correct Option - 3

Que. 64 The sum of the age of a father and the age of a son is 75 years. If the product of their ages before 5 years was 750, then what is the present age of the father?

1. 60

2. 55
3. 52
4. 50

Correct Option - 2

Que. 65 The fourth proportional to 7, 11, 14 is

1. 16
2. 18
3. 20
4. 22

Correct Option - 4

Que. 66 The average weight of a class of 15 boys and 10 girls is 38.4 kg. If the average weight of the boys is 40 kg, then what is the average weight of the girls?

1. 36.5 kg
2. 35 kg
3. 36 kg
4. 34.6 kg

Correct Option - 3

Que. 67 In a class of 100 students there are 70 boys whose average marks in a subject are 75. If the average marks of the complete class is 72, then what is the average marks of the girls?

1. 64
2. 65
3. 68
4. 74

Correct Option - 2

Que. 68 The sum of two numbers is 7 and the sum of their squares is 25. The product of the two numbers is?

1. 6
2. 10
3. 12
4. 15

Correct Option - 3

Que. 69 The sum for which the difference between CI and SI for 2 years is 2000 at 4% per annum?

1. Rs.1250000
2. Rs.1280000
3. Rs.2000000
4. Rs.1200000

Correct Option - 1

Que. 70 When an article is sold at 20% discount, the selling price is Rs. 24. What is the selling price when the discount is 30%?

1. Rs. 25
2. Rs. 23
3. Rs. 21
4. Rs. 20

Correct Option - 3

Que. 71 By giving 25% discount a trader earns 25% profit. If he sells the item at 10% discount, what is the profit?

1. 10%
2. 40%
3. 45%
4. 50%

Correct Option - 4

Que. 72 A man buys 200 oranges for Rs. 1000. How many oranges for Rs. 100 can be sold so that his profit percentage is 25%?

1. 10
2. 14
3. 16
4. 20

Correct Option - 3

Que. 73 A car is travelling at a constant rate of 45 km/h. The distance travelled by car from 10:40 AM to 1 PM is?

1. 165 kms
2. 150 kms
3. 120 kms
4. 105 kms

Correct Option - 4

Que. 74 A man rows downstream 32 kms and 14 kms upstream, and he takes 6 hours to cover each distance. What is the speed of the current?

1. 0.5 km/h
2. 1 km/h
3. 1.5 km/h
4. 2 km/h

Correct Option - 3

Que. 75 A boy went to his school at the speed of 12 km/h and returned to his house at the speed of 8 km/h. If he has taken 50 minutes for the whole journey, what was the total distance walked?

1. 4 km

2. 8 km
3. 16 km
4. 20 km

Correct Option - 2

Que. 76 A can finish a work in 15 days, B in 20 days and C in 25 days. All these three worked together and earned Rs. 4700. The share of C is?

1. Rs. 1200
2. Rs. 1500
3. Rs. 1800
4. Rs. 2000

Correct Option - 1

Que. 77 If 5 tractors can plough 5 hectares of land in 5 days, then what is the number of tractors required to plough 100 hectares in 50 days?

1. 100
2. 20
3. 10
4. 5

Correct Option - 3

Que. 78 What is the simplified form of $9\sqrt{2} - \sqrt{8} - 4\sqrt{2}$?

1. $4\sqrt{2}$
2. $3\sqrt{2}$
3. $2\sqrt{2}$
4. 2

Correct Option - 2

Que. 79 The shadow of a pole 6 mtr high is 15 mtr long and at the same time the shadow of a tree is 25 mtr long. What is the height of the tree?

1. 21 mtr
2. 10 mtr
3. 35 mtr
4. 40 mtr

Correct Option - 2

Que. 80 If one-third of a two-digit number exceeds its one-fourth by 8, then what is the sum of the digits of the number?

1. 6
2. 13
3. 15
4. 17

Correct Option - 3

Que. 81 A number consists of two digits whose sum is 8. If 18 is added to the number, the digits are reversed. The number is equal to?

1. 26
2. 35
3. 53
4. 62

Correct Option - 2

Que. 82 Which of the following statements is true in respect of the expression $\sin 31^\circ + \sin 32^\circ$?

1. Its value is 0
2. Its value is 1
3. Its value is less than 1
4. Its value is greater than 1

Correct Option - 4

Que. 83 If $1 + \tan \theta = \sqrt{2}$, then what is the value of $\cot \theta - 1$?

1. $\frac{1}{\sqrt{2}}$
2. $\sqrt{2}$
3. 2
4. $\frac{1}{2}$

Correct Option - 2

Que. 84 If $\tan \theta = \frac{3}{4}$ and θ is acute, then what is the value of $\sin \theta$

1. $-\frac{3}{5}$
2. $\frac{3}{5}$
3. $\frac{4}{5}$
4. $-\frac{4}{5}$

Correct Option - 2

Que. 85 What is $\sin 25^\circ \sin 35^\circ \sec 65^\circ \sec 55^\circ$ equal to

1. -1
2. 0
3. $\frac{1}{2}$
4. 1

Correct Option - 4

Que. 86 Which one of the following triples does not represent the sides of a triangle?

1. (3, 4, 5)

2. (4, 7, 10)
3. (3, 6, 8)
4. (2, 3, 6)

Correct Option - 4

Que. 87 A round balloon of unit radius subtends an angle of 90° at the eye of an observer standing at a point, say A. What is the distance of the centre of the balloon from point A?

1. $1\sqrt{2}$
2. $\sqrt{2}$
3. 2
4. $1/2$

Correct Option - 2

Que. 88 What is the angle of elevation of the sun when the shadow of a pole is $\sqrt{3}$ times the length of the pole?

1. 30°
2. 45°
3. 60°
4. 75°

Correct Option - 1

Que. 89 In a right angle triangle ABC, α and β are the two angles other than right angle, if $\beta = 30^\circ$, then what is $\tan \alpha$ equal to?

1. $1/2$
2. $1/3$
3. $1/4$
4. $\sqrt{3}$

Correct Option - 4

Que. 90 From the top of a building 90 mtr high, the angle of depression from the top and the bottom of a tree are 30° and 45° respectively. What is the height of the tree?

1. $30\sqrt{3}$ mtr
2. $90 - 30\sqrt{3}$ mtr
3. $90 + 30\sqrt{3}$ mtr
4. $60 + 30\sqrt{3}$ mtr

Correct Option - 2

Que. 91 What is the area of a right-angled isosceles triangle whose hypotenuse is $6\sqrt{2}$ cm?

1. 12 cm^2
2. 18 cm^2
3. 24 cm^2
4. 36 cm^2

Correct Option - 2

Que. 92 The diameter of a circle circumscribing a square is $15\sqrt{2}$ cm, then what is the length of the side of the square?

1. 15 cm
2. 12 cm
3. 10 cm
4. 7.5 cm

Correct Option - 1

Que. 93 How many 200 mm lengths can be cut from a 10 mtr of ribbon?

1. 50
2. 40
3. 30
4. 20

Correct Option - 1

Que. 94 The ratio of the outer and inner perimeters of a circular path is 23 : 22. If the path is 5 mtr wide, the diameter of the inner circle is?

1. 55 mtr
2. 110 mtr
3. 220 mtr
4. 230 mtr

Correct Option - 3

Que. 95 The product of the lengths of the diagonals of a square is 50 square units. What is the length of a side of the square?

1. $5\sqrt{2}$ units
2. 5 units
3. 10 units
4. $2\sqrt{5}$ units

Correct Option - 2

Que. 96 From a cylindrical log whose height is equal to its diameter, the greatest possible sphere has been taken out. What is the fraction of the original log which is cut away?

1. $\frac{1}{2}$
2. $\frac{1}{3}$
3. $\frac{1}{4}$
4. $\frac{2}{3}$

Correct Option - 4

Que. 97 The diagonal of a cube is $4\sqrt{3}$ cm. What is its volume?

1. 16 cu cm
2. 32 cu cm
3. 64 cu cm
4. 192 cu cm

Correct Option - 3

Que. 98 If the side of a cube is increased by 100%, then by what percentage is the surface area of the cube increased?

1. 150%
2. 200%
3. 300%
4. 400%

Correct Option - 3

Que. 99 What is the least number of straight lines for a bounded plane figure?

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

Correct Option - 3

Que. 100 There are five lines in a plane, no two of which are parallel. The maximum number of points in which they intersect is?

1. 4
2. 6
3. 10
4. None of the above

Correct Option - 3