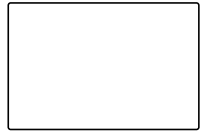


Name: _____

Date: _____

**Question: 1 of 150**

QID: 3008

Marks: 2

What comes next in the series:
7, 14, 42, 168, ?

- ☐ A. 1008 ☐ B. 840
☐ C. 504 ☐ D. 672

Question: 2 of 150

QID: 3009

Marks: 2

Michael is 14th from the left end in a row of 40 boys. What is his position (rank) from the right end?

- ☐ A. 21st ☐ B. 24th
☐ C. 25th ☐ D. 27th

Question: 3 of 150

QID: 3010

Marks: 2

P is the brother of Q and R. S is R's mother. T is P's father. Which of the following statements cannot be definitely true?

- ☐ A. T is Q's son ☐ B. S is P's mother
☐ C. P is S's son ☐ D. Q is T's son

Question: 4 of 150

QID: 3011

Marks: 2

Choose the correct option in place of question mark (?) to complete the given series:
21, 25, 33, 49, 81, ?

- ☐ A. 145 ☐ B. 132
☐ C. 113 ☐ D. 101

Question: 5 of 150

QID: 3012

Marks: 2

'Tiger' is related to 'Cub' in the same way as 'Elephant' is related to _____.

- ☐ A. Chick ☐ B. Hatchling
☐ C. Joey ☐ D. Calf

Question: 6 of 150

QID: 3013

Marks: 2

If in the year 2012, January 1st is Sunday, then which day is the Indian Republic Day in the year 2012?

- ☐ A. Saturday ☐ B. Monday
☐ C. Thursday ☐ D. Friday

Question: 7 of 150

QID: 3014

Marks: 2

What is the angle between the hour hand and the minute hand when it is 5:10 PM?

- ☐ A. 150 degrees ☐ B. 120 degrees
☐ C. 115 degrees ☐ D. 95 degrees

Question: 8 of 150

QID: 3015

Marks: 2

From his house, Ramesh goes 15 km to North. Then he turns West and covers 20 km. Then he turns South and covers 5 km. Finally, he turns East and covers 30 km. Looking from his house, in which direction is he standing?

- ☐ A. North-west ☐ B. North-east
☐ C. South-east ☐ D. South-west

Question: 9 of 150

QID: 3016

Marks: 2

In a list, if Shikha is 15th from the upper end and 17th from the lower end, then find the total number of people in the list.

- ☐ A. 41 ☐ B. 33
☐ C. 31 ☐ D. 32

Question: 10 of 150

QID: 3017

Marks: 2

Find the fourth proportional of 4, 5 and 16.

- ☐ A. 25 ☐ B. 16
☐ C. 30 ☐ D. 20

Question: 11 of 150

QID: 3018

Marks: 2

'Pitch' is related to 'Cricket' in the same way as 'Arena' is related to

- ☐ A. Tennis ☐ B. Gymnastics
☐ C. Badminton ☐ D. Wrestling

Question: 12 of 150

QID: 3019

Marks: 2

The time in the clock is quarter past twelve. If the hour hand points to the East, which is the direction opposite to the minute hand?

- ☐ A. South-west ☐ B. South
☐ C. West ☐ D. North

Question: 13 of 150

QID: 3020

Marks: 2

Five boys A, B, C, D and E are sitting in a row. A is to the right of B and E is to the left of B but to the right of C. A is to the left of D. Who is second from the left end?

- ☐ A. B ☐ B. E
☐ C. A ☐ D. C

Question: 14 of 150

QID: 3021

Marks: 2

A word has been given, followed by four other words, one of which can be formed by using the letters from the given word: PREPARATION. Find the word.

- ☐ A. PAMPER ☐ B. REPEAT
☐ C. PARTITION ☐ D. PARROT

Question: 15 of 150

QID: 3022

Marks: 2

Find the odd one that does not belong to the group.

- ☐ A. KQNN ☐ B. DWFU
☐ C. EVHS ☐ D. HSKP

Question: 16 of 150

QID: 3023

Marks: 2

Five friends are standing in a row. Amar is taller than Sameer. Prabhat is taller than Umesh but not as tall as Sameer. Ashok is shorter than Umesh. Who among them is the shortest?

- ☐ A. Ashok ☐ B. Umesh
☐ C. Sameer ☐ D. Amar

Question: 17 of 150

QID: 3024

Marks: 2

Insert the missing number:

□

- ☐ A. 11 ☐ B. 27
☐ C. 18 ☐ D. 22

Question: 18 of 150

QID: 3025

Marks: 2

Choose the alternative that best represents a relationship similar to the one expressed in the original pair:
F : 216 :: L : ?

- ☐ A. 1728 ☐ B. 1700
☐ C. 1600 ☐ D. 1723

Question: 19 of 150

QID: 3026

Marks: 2

In a certain code, 'TERMINAL' is written as 'NSFUMBOJ' and 'TOWERS' is written as 'XPUTSF'. How is 'MATE' written in the same code?

- ☐ A. FUBN ☐ B. UFNB
☐ C. BNFU ☐ D. BNDS

Question: 20 of 150

QID: 3027

Marks: 2

Arrange the following words as per order in the dictionary:

1. Quilt
2. Quite
3. Queen
4. Queue

☐ A. 1, 4, 2, 3☐ B. 4, 3, 1, 2☐ C. 2, 3, 4, 1☐ D. 3, 4, 1, 2**Question: 21 of 150**

QID: 3028

Marks: 2

Choose the letter group that represents a relationship similar to the one expressed in the original pair of letter groups.
UNDERSTAND : DASENNTRDU :: RETIREMENT : ?

☐ A. TEEIENMRTR☐ B. TNEMETRIR☐ C. EMENRTETR☐ D. ERITEREMTN**Question: 22 of 150**

QID: 3029

Marks: 2

Complete the series:
3, 10, 101, ?

☐ A. 10101☐ B. 10201☐ C. 10202☐ D. 11012**Question: 23 of 150**

QID: 3030

Marks: 2

Select the related word from the given alternatives.
Hirakud : Mahanadi :: Tehri Dam : ?

☐ A. Damodar☐ B. Bhagirathi☐ C. Yamuna☐ D. Sone

In the following question, select the missing number from the given series:

25	144	60
81	225	135
49	289	?

- ☐ A. 119 ☐ B. 120
- ☐ C. 170 ☐ D. 190

Fill with a suitable word.

Quarantined : Separated :: Radical : ?

- ☐ A. Unfriendly ☐ B. Bad
- ☐ C. Fundamental ☐ D. Dreary

A cube of side 5 cm is painted on all its faces. If it is sliced into 1 cm^3 cubes, how many 1 cm^3 cubes will have exactly one of their faces painted?

- ☐ A. 27 ☐ B. 42
- ☐ C. 54 ☐ D. 142

A circle of maximum possible size is cut from a square sheet of board. Subsequently, a square of maximum possible size is cut from the resultant circle. What will be the area of the final square?

- ☐ A. $3/4$ of original square ☐ B. $1/2$ of original square
- ☐ C. $1/4$ of original square ☐ D. $2/3$ of original square

Question: 28 of 150

QID: 3635

Marks: 4

The surface area of the three coterminal faces of a cuboid are 6, 15 and 10 cm^2 respectively. The volume of the cuboid is

- ☐ A. 30 cm^3 ☐ B. 40 cm^3
☐ C. 20 cm^3 ☐ D. 35 cm^3

Question: 29 of 150

QID: 3636

Marks: 4

A point which lies on both the axes is

- ☐ A. (1, 1) ☐ B. (0, -2)
☐ C. (0, 2) ☐ D. (0, 0)

Question: 30 of 150

QID: 3637

Marks: 4

If $5A + 25$ is equal to B^2 (a two digits number), then the value of $A + B$ is

- ☐ A. 15 ☐ B. 10
☐ C. 8 ☐ D. 7

Question: 31 of 150

QID: 3638

Marks: 4

Between two given rational numbers, we can find

- ☐ A. one and only one rational number ☐ B. only two rational numbers
☐ C. only ten rational numbers ☐ D. infinitely many rational numbers

Question: 32 of 150

QID: 3639

Marks: 4

A dice is thrown two times and sum of the numbers appearing on the dice are noted. The number of possible outcomes is

- ☐ A. 6 ☐ B. 11
☐ C. 18 ☐ D. 36

Question: 33 of 150

QID: 3640

Marks: 4

In a pie chart, the total angle at the centre of the circle is

- ☐ A. 180° ☐ B. 270°
☐ C. 360° ☐ D. 90°

Question: 34 of 150

QID: 3641

Marks: 4

Listed below is the temperature in $^\circ\text{C}$ for 10 days. What is the range of the data?
-6, -8, 0, 3, 2, 0, 1, 5, 4, 4

- ☐ A. 8°C ☐ B. 13°C
☐ C. 10°C ☐ D. 12°C

Question: 35 of 150

QID: 3642

Marks: 4

Monthly salary of a person is ₹15000. The central angle of the sector representing his expenses on food and house rent on a pie chart is 60° . The amount he spends on food and house rent is

- ☐ A. ₹2500 ☐ B. ₹5000
☐ C. ₹6000 ☐ D. ₹9000

Question: 36 of 150

QID: 3643

Marks: 4

Which of the following is not a perfect square?

- ☐ A. 361 ☐ B. 1156
☐ C. 1128 ☐ D. 1681

Question: 37 of 150

QID: 3644

Marks: 4

A perfect square number having n digits where n is even will have square root with

- ☐ A. $n + 1$ digit ☐ B. $n/2$ digit
☐ C. $n/3$ digit ☐ D. $(n+1)/2$ digit

Question: 38 of 150

QID: 3645

Marks: 4

The digit in the tens place of a two digit number is 3 more than the digit in the units place. Let the digit at units place be b . Then, the number is

- ☐ A. $11b+30$ ☐ B. $10b + 30$
- ☐ C. $11b+3$ ☐ D. $10b + 3$

Question: 39 of 150

QID: 3646

Marks: 4

Aruna's present age is thrice of Shilpa. If Shilpa's age three years ago was x . Then, Aruna's present age is

- ☐ A. $3(x-3)$ ☐ B. $3x + 3$
- ☐ C. $3x-9$ ☐ D. $3(x + 3)$

Question: 40 of 150

QID: 3647

Marks: 4

If two adjacent angles of a parallelogram are $(5x - 5)^\circ$ and $(10x + 35)^\circ$, then the ratio of these angles is

- ☐ A. 1:3 ☐ B. 2:3
- ☐ C. 1:4 ☐ D. 1:2

Question: 41 of 150

QID: 3648

Marks: 4

Length of one of the diagonals of a rectangle whose sides are 10 cm and 24 cm is

- ☐ A. 25 cm ☐ B. 20 cm
- ☐ C. 26 cm ☐ D. 3.5 cm

Question: 42 of 150

QID: 3649

Marks: 4

Sum of $a - b + ab$, $b + c - bc$ and $c - a - ac$ is

- ☐ A. $2c + ab - ac - bc$ ☐ B. $2c - ab - ac - bc$
- ☐ C. $2c + ab + ac + bc$ ☐ D. $2c - ab + ac + bc$

Question: 43 of 150

QID: 3650

Marks: 4

On dividing $p(4p^2 - 16)$ by $4p(p - 2)$, we get

- ☐ A. $2p + 4$ ☐ B. $2p - 4$
☐ C. $p + 2$ ☐ D. $p - 2$

Question: 44 of 150

QID: 3651

Marks: 4

The value of $(7^{-1} - 8^{-1})^{-1} - (3^{-1} - 4^{-1})^{-1}$ is

- ☐ A. 44 ☐ B. 56
☐ C. 68 ☐ D. 12

Question: 45 of 150

QID: 3652

Marks: 4

If the cost price of 10 shirts is equal to the selling price of 8 shirts, then which of the following is true for the transaction?

- ☐ A. Profit of 25% ☐ B. Loss of 25%
☐ C. Profit of 20% ☐ D. Loss of 20%

Question: 46 of 150

QID: 3653

Marks: 4

To gain 25% after allowing a discount of 10%, the shopkeeper must mark the price of the article which costs him ₹ 360 as

- ☐ A. ₹ 500 ☐ B. ₹ 450
☐ C. ₹ 460 ☐ D. ₹ 486

Question: 47 of 150

QID: 3654

Marks: 4

The mean of five numbers is 30. If one number is excluded, their mean becomes 28. The excluded number is

- ☐ A. 28 ☐ B. 30
☐ C. 35 ☐ D. 38

Question: 48 of 150

QID: 3655

Marks: 4

Radhika bought a car for ₹ 250000. Next year its price decreased by 10% and further next year it decreased by 12%. In the two years overall decrease per cent in the price of the car is

- ☐ A. 3.2% ☐ B. 22%
- ☐ C. 20.8% ☐ D. 8%

Question: 49 of 150

QID: 3656

Marks: 4

If two quantities x and y vary directly with each other, then

- ☐ A. x/y remains constant ☐ B. $x - y$ remains constant
- ☐ C. $x + y$ remains constant ☐ D. $x * y$ remains constant

Question: 50 of 150

QID: 3657

Marks: 4

One of the factors of $(25x^2 - 1) + (1 + 5x)^2$ is

- ☐ A. $5 + x$ ☐ B. $5 - x$
- ☐ C. $5x - 1$ ☐ D. $5x + 1$

Question: 51 of 150

QID: 3658

Marks: 4

The factorisation of $4x^2 + 8x + 3$ is

- ☐ A. $(x + 1)(x + 3)$ ☐ B. $(2x + 1)(2x + 3)$
- ☐ C. $(2x + 2)(2x + 5)$ ☐ D. $(2x - 1)(2x - 3)$

Question: 52 of 150

QID: 3659

Marks: 4

Which of the following is a factor of $(x + y)^3 - (x^3 + y^3)$?

- ☐ A. $x^2 + y^2 + 2xy$ ☐ B. $x^2 + y^2 - xy$
- ☐ C. xy^2 ☐ D. $3xy$

Question: 53 of 150

QID: 3660

Marks: 4

Which of the following cannot be the empirical probability of an event?

- ☐ A. $\frac{2}{3}$ ☐ B. $\frac{3}{2}$
- ☐ C. 0 ☐ D. 1

Question: 54 of 150

QID: 3661

Marks: 4

In a sample study of 640 people, it was found that 512 people have a school certificate. If a person is selected at random, the probability that the person a high school certificate is

- ☐ A. 0.5 ☐ B. 0.6
- ☐ C. 0.7 ☐ D. 0.8

Question: 55 of 150

QID: 3662

Marks: 4

The range of the data 25, 81, 20, 22, 16, 6, 17, 15, 12, 30, 32, 10, 91, 8, 11, 20 is

- ☐ A. 10 ☐ B. 75
- ☐ C. 85 ☐ D. 26

Question: 56 of 150

QID: 3663

Marks: 4

In a frequency distribution, the mid value of a class is 10 and the width of class is 6. The upper limit of the class is

- ☐ A. 6 ☐ B. 7
- ☐ C. 10 ☐ D. 13

Question: 57 of 150

QID: 3664

Marks: 4

Let m be the mid-point and l be the lower class limit of a class in a continuous frequency distribution. The upper class limit of the class is

- ☐ A. $2m + 1$ ☐ B. $2m - l$
- ☐ C. $m - 1$ ☐ D. $m - 2l$

Question: 58 of 150

QID: 3665

Marks: 4

If the perimeter of one of the faces of a cube is 40 cm, then its volume is

- ☐ A. 6000 cm³ ☐ B. 1600 cm³
☐ C. 1000 cm³ ☐ D. 600 cm³

Question: 59 of 150

QID: 3666

Marks: 4

In a cylinder, radius is doubled and height is halved, curved surface area will be

- ☐ A. halved ☐ B. doubled
☐ C. same ☐ D. four time

Question: 60 of 150

QID: 3667

Marks: 4

The length of the longest pole that can be put in a room of dimension (10 m x 10 m x 5 m) is

- ☐ A. 15 m ☐ B. 16 m
☐ C. 10 m ☐ D. 12 m

Question: 61 of 150

QID: 3668

Marks: 4

The radii of two cylinders are in the ratio of 2 : 3 and their heights are in the ratio of 5 : 3. The ratio of their volumes is

- ☐ A. 10 : 17 ☐ B. 20 : 27
☐ C. 17 : 27 ☐ D. 20 : 37

Question: 62 of 150

QID: 3669

Marks: 4

The perimeter of an equilateral triangle is 60 m. The area is

- ☐ A. $10\sqrt{3}$ m² ☐ B. $15\sqrt{3}$ m²
☐ C. $20\sqrt{3}$ m² ☐ D. $100\sqrt{3}$ m²

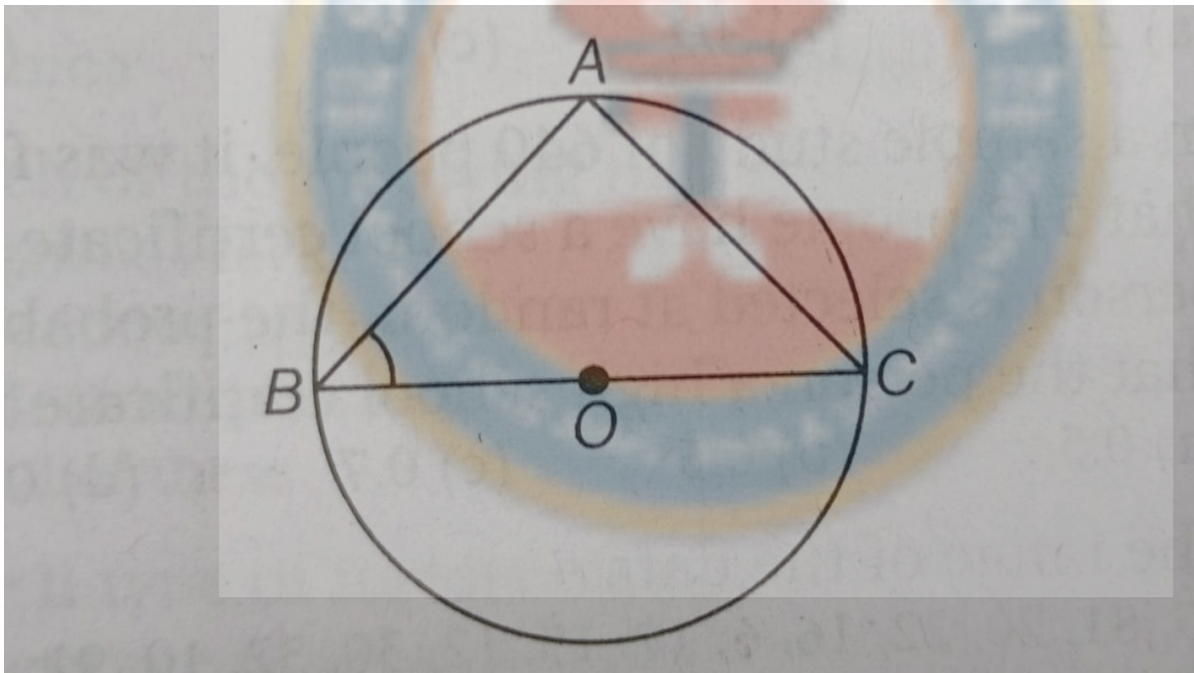
The sides of a triangle are 56 cm, 60 cm and 52 cm long. Then, the area of the triangle is

- ☐ A. 1322 cm² ☐ B. 1311 cm²
- ☐ C. 1344 cm² ☐ D. 1392 cm²

An equilateral triangle of side 9 cm is inscribed a circle. The radius of the circle is

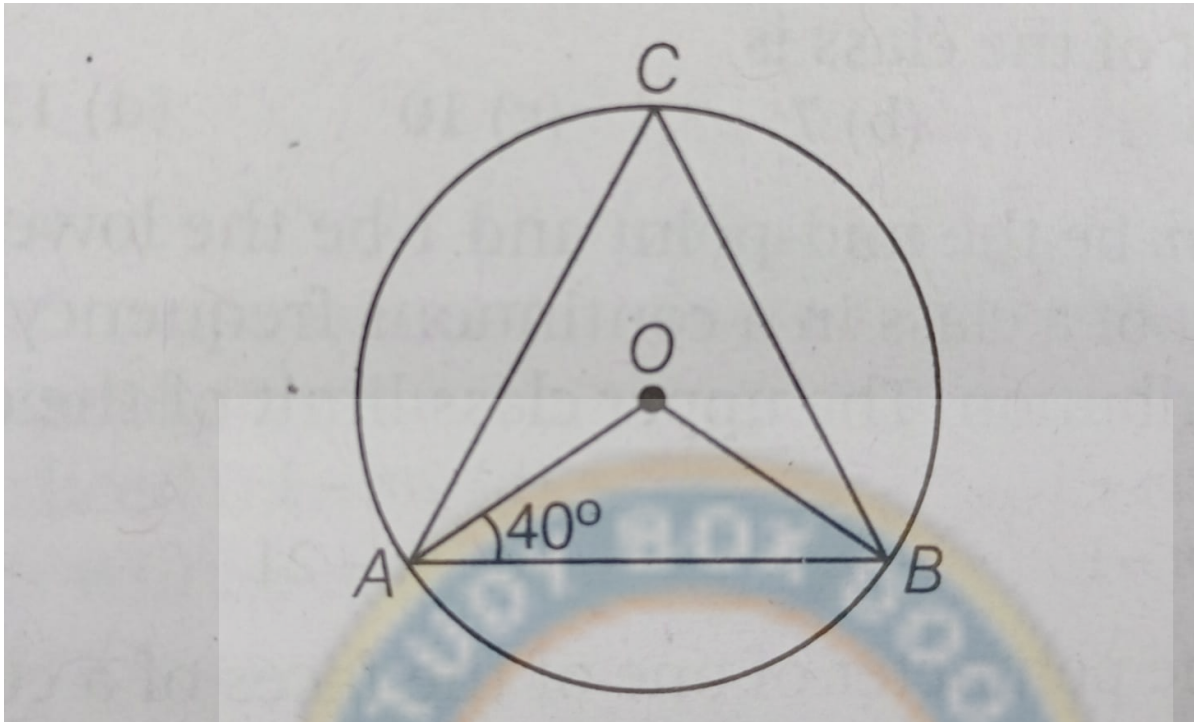
- ☐ A. 3 cm ☐ B. $3\sqrt{2}$ cm
- ☐ C. $3\sqrt{3}$ cm ☐ D. 6 cm

In the given figure, BOC is a diameter of a circle and $AB = AC$. Then, $\angle ABC =$



- ☐ A. 30° ☐ B. 45°
- ☐ C. 60° ☐ D. 90°

In the given figure, O is the centre of a circle. If $\angle OAB = 40^\circ$ and C is a point on the circle, then $\angle ACB =$

☐ A. 40° ☐ B. 50° ☐ C. 80° ☐ D. 100°

Question: 67 of 150

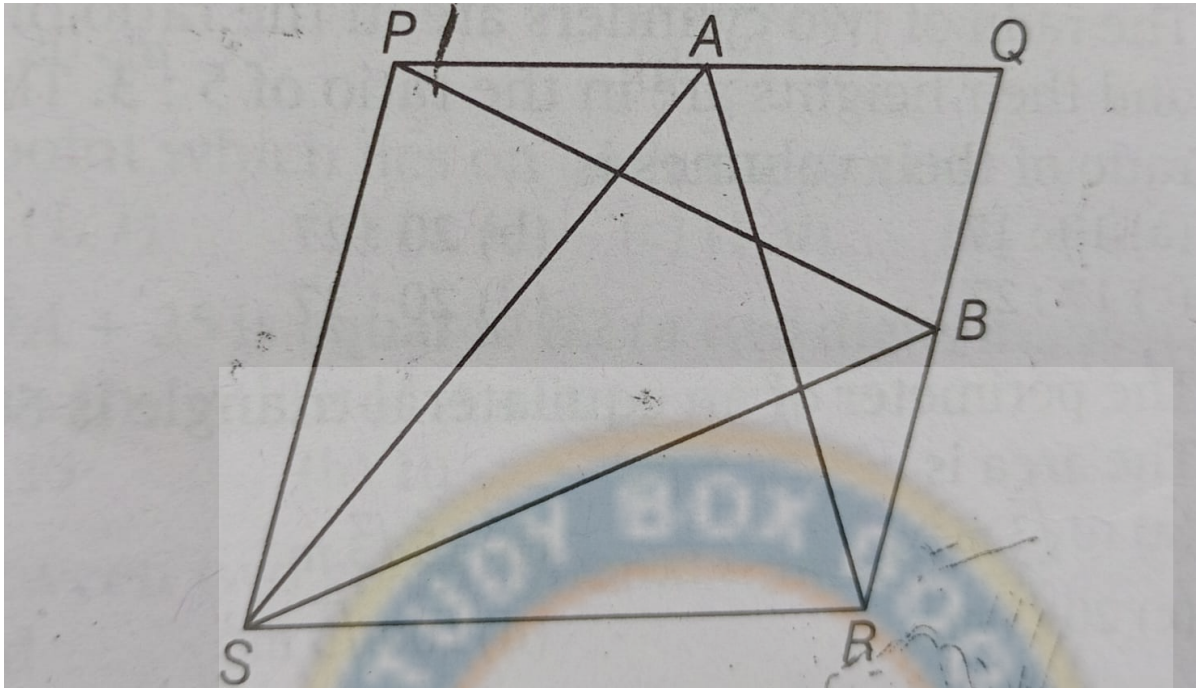
QID: 3674

Marks: 4

If a triangle and a parallelogram are on the same base and between same parallels, then the ratio of the area of the triangle to the area of parallelogram is

☐ A. 1 : 3☐ B. 1 : 2☐ C. 3 : 1☐ D. 1 : 4

PQRS is a parallelogram and A and B are any points on PQ and QR, if area (PQRS) = 48 cm^2 , then area (PBS) + area (ASR) is equal to

☐ A. 96 cm^2 ☐ B. 36 cm^2 ☐ C. 48 cm^2 ☐ D. 24 cm^2

Question: 69 of 150

QID: 3676

Marks: 4

Three angles of a quadrilateral are 75° , 90° and 75° , the fourth angle is

☐ A. 90° ☐ B. 95° ☐ C. 105° ☐ D. 120°

Question: 70 of 150

QID: 3677

Marks: 4

ABCD is a rhombus such that $\angle ACB = 40^\circ$, then $\angle ADB$ is

☐ A. 40° ☐ B. 45° ☐ C. 50° ☐ D. 60°

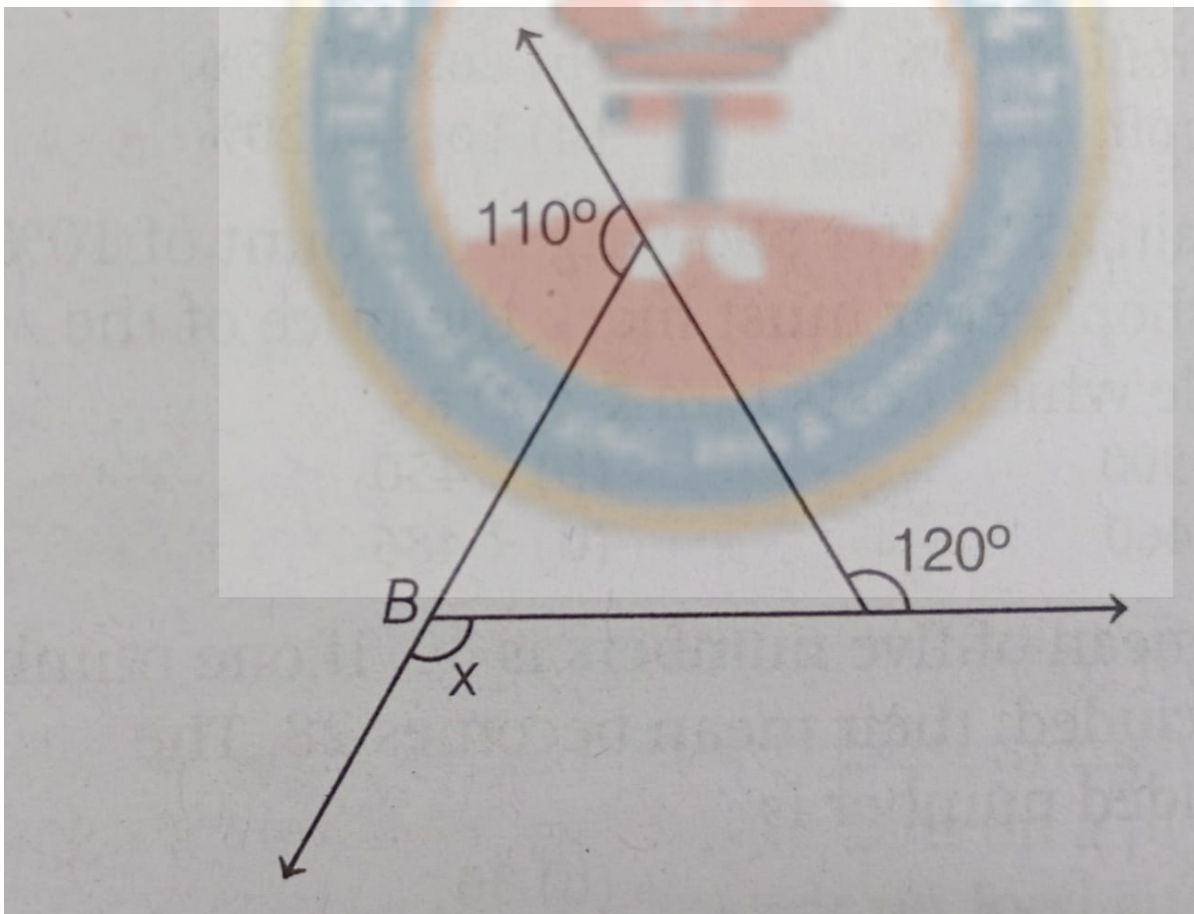
The diagonals AC and BD of parallelogram ABCD intersect each other at the point O. If $\angle DAC = 32^\circ$ and $\angle AOB = 70^\circ$, then $\angle DBC$ is equal to

- ☐ A. 24° ☐ B. 86°
☐ C. 38° ☐ D. 32°

ABCD is a rhombus such that $\angle ABC = 40^\circ$, then $\angle ADC$ is equal to

- ☐ A. 40° ☐ B. 45°
☐ C. 50° ☐ D. 20°

In figure, the value of x is



- ☐ A. 120° ☐ B. 130°
☐ C. 110° ☐ D. 100°

Question: 74 of 150

QID: 3681

Marks: 4

If the point P lies in between M and N and C is mid-point of MP, then

- ☐ A. $MC + PN = MN$ ☐ B. $MP + CP = MN$
- ☐ C. $MC + CN = MN$ ☐ D. $CP + CN = MN$

Question: 75 of 150

QID: 3682

Marks: 4

Cost of book (x) exceeds twice the cost of pen (y) by ₹10. This statement can be expressed as linear equation

- ☐ A. $x - 2y - 10 = 0$ ☐ B. $2x - y - 10 = 0$
- ☐ C. $2x + y - 10 = 0$ ☐ D. $x - 2y + 10 = 0$

Question: 76 of 150

QID: 3683

Marks: 2

Directions (Q.Nos. 76-80) Read the passage given below and fill the correct option.

Caged behind thick glass, the most famous dancer in the world can easily be missed in the National Museum, Delhi. The Dancing Girl of Mohenjo-Daro is that rare artefact that even school children are familiar with. Our school textbooks also communicate a wealth of our 5000 years heritage of art. You have to be alert to her existence there, amid terracotta animals to rediscover this bronze image.

Most of us have seen her only in photographs or sketches, therefore the impact of actually beholding her is magnified a million times over. One discovers that the dancing girl has no feet. She is small, a little over 10 cm tall, the length of a human palm, but she surprises us with the power of great art, the ability to communicate across centuries.

A series of bangles of shell or ivory or thin metal clothes her left upper arm all the way down to her fingers. A necklace with three pendants bunched together and a few bangles above the elbow and wrist on the right-hand display almost modern art.

She speaks of the undaunted, even hopeful human spirit. She reminds us that it is important to visit museums in our country to experience the impact that a work of art leaves on our senses, to find among all the riches one particular vision of beauty that speaks to us alone.

In the museum she's kept among

- ☐ A. dancing figures ☐ B. bronze statues
- ☐ C. terracotta animals ☐ D. books

Question: 77 of 150

QID: 3684

Marks: 2

Which information is not given in the passage?

- ☐ A. The girl is caged behind glass ☐ B. She is a rare artefact
- ☐ C. School books communicate the wealth of heritage ☐ D. She cannot be rediscovered as she's bronze

Question: 78 of 150

QID: 3685

Marks: 2

'Great Art' has power because

- ☐ A. it appeals to us despite a passage of time
- ☐ B. it is small and can be understood
- ☐ C. it is seen in pictures and sketches
- ☐ D. it's magnified a million times

Question: 79 of 150

QID: 3686

Marks: 2

She reminds us

- ☐ A. of the never-say-die attitude of humans
- ☐ B. why museums in our country are exciting
- ☐ C. why she will make us come into money
- ☐ D. of dancing figures

Question: 80 of 150

QID: 3687

Marks: 2

The size of the dancing girl is equal to the length of human

- ☐ A. body
- ☐ B. hand
- ☐ C. ear
- ☐ D. palm

Question: 81 of 150

QID: 3688

Marks: 2

Find the correctly spelt word.

- ☐ A. inconveninced
- ☐ B. inconvenienced
- ☐ C. inconveninecnd
- ☐ D. inconvinenced

Question: 82 of 150

QID: 3689

Marks: 2

Find the correctly spelt word.

- ☐ A. Scaristy
- ☐ B. Scarety
- ☐ C. Scarecity
- ☐ D. Scarcity

Find the correctly spelt word.

- ☐ A. receeve ☐ B. receive
☐ C. resieve ☐ D. recive

Find the correctly spelt word.

- ☐ A. Stoecaly ☐ B. Stoically
☐ C. Stoicaly ☐ D. Stoeacly

Find the correctly spelt word.

- ☐ A. Versatile ☐ B. Verstile
☐ C. Vorstyle ☐ D. Varstile

Directions (Q. Nos. 86-90)

In the following questions, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Direct/Indirect speech.

Someone has stolen my bicycle. This is same as

- ☐ A. Someone stole my bicycle ☐ B. My bicycle has been stolen
☐ C. I have given away my bicycle ☐ D. A thief has stolen my bicycle

My father gave it to the mechanic. This is same as

- ☐ A. It was given to the mechanic ☐ B. It has been given to the mechanic
☐ C. The mechanic has taken it away ☐ D. The mechanic got it

It had been thrown there. This is same as

- ☐ A. It was thrown away
- ☐ B. Someone had thrown it there
- ☐ C. Someone threw it there
- ☐ D. It is thrown there

Patient to doctor: Good morning, Doctor! Can you give me a few minutes?
A man went to his doctor's clinic and asked the doctor

- ☐ A. Can you give me a few minutes?
- ☐ B. Whether I can have a few minutes of his time.
- ☐ C. Whether he can give him a few minutes.
- ☐ D. Whether he could give him a few minutes.

Patient to doctor: "I have got a severe headache". The patient told the doctor that

- ☐ A. He has got a severe headache
- ☐ B. He got a severe headache
- ☐ C. I have got a severe headache
- ☐ D. Whether he had got a severe headache

Directions (Q. Nos. 91-95)

A sentence has been given in Active voice. Choose the correct option which expresses the same sense in Passive Voice.

They have invited the parents as well as the child.

- ☐ A. The parents as well as the child has been invited.
- ☐ B. The child as well as the parents has been invited.
- ☐ C. The parents as well as the child have been invited.
- ☐ D. The parents as well as the child had been invited by them.

Mrs. Sharma knows me.

- ☐ A. I am known by Mrs. Sharma.
- ☐ B. I was known by Mrs. Sharma.
- ☐ C. I am known to Mrs. Sharma
- ☐ D. I have known to Mrs. Sharma.

Question: 93 of 150

QID: 3700

Marks: 2

The manager keeps the work pending.

- ☐ A. The work are being kept pending by the manager.
- ☐ B. The work was kept pending by the manager.
- ☐ C. The work has been kept pending by the manager.
- ☐ D. The work is kept pending by the manager.

Question: 94 of 150

QID: 3701

Marks: 2

The masons are building the house.

- ☐ A. The house is being built by the masons.
- ☐ B. The house is building the masons.
- ☐ C. The house was being built by the masons.
- ☐ D. The house has been built by the masons.

Question: 95 of 150

QID: 3702

Marks: 2

Does she want a book?

- ☐ A. Is the book wanted by her?
- ☐ B. Is she wanting a book?
- ☐ C. Is a book wanted by her?
- ☐ D. Does she wants the book?

Question: 96 of 150

QID: 3703

Marks: 2

Directions (Q. Nos. 96-100)

In the following questions, choose the word which best expresses the meaning of the given word.

Trite

- ☐ A. Illogical
- ☐ B. Hackneyed
- ☐ C. Bitter
- ☐ D. Sharp

Question: 97 of 150

QID: 3704

Marks: 2

Hazel

- ☐ A. Blue
- ☐ B. Greenish-blue
- ☐ C. Reddish-brown
- ☐ D. Green

Question: 98 of 150

QID: 3705

Marks: 2

Craven

- ☐ A. Silly
- ☐ B. Cowardly
- ☐ C. Indecent
- ☐ D. Mean

Question: 99 of 150

QID: 3706

Marks: 2

Dexterity

- ☐ A. Cooperation
- ☐ B. Courtesy
- ☐ C. Punctuality
- ☐ D. Skill

Question: 100 of 150

QID: 3707

Marks: 2

Intrepid

- ☐ A. Bold
- ☐ B. Timid
- ☐ C. Unadventurous
- ☐ D. Unimaginative

Question: 101 of 150

QID: 3708

Marks: 2

Name the Governor General who banned the Sati system in India.

- ☐ A. Lord Cornwallis
- ☐ B. Lord Dalhousie
- ☐ C. Lord William Bentinck
- ☐ D. None of these

Question: 102 of 150

QID: 3709

Marks: 2

Who was the first woman President of Indian National Congress?

- ☐ A. Annie Besant
- ☐ B. Sarojini Naidu
- ☐ C. Nellie Sengupta
- ☐ D. None of these

Question: 103 of 150

QID: 3710

Marks: 2

Name the place from which the Quit India Movement was launched by Mahatma Gandhi.

- ☐ A. Lucknow ☐ B. Bombay
☐ C. Delhi ☐ D. Calcutta

Question: 104 of 150

QID: 3711

Marks: 2

Where did the formation of Azad Hind Fauj take place?

- ☐ A. Thailand ☐ B. Singapore
☐ C. Russia ☐ D. Germany

Question: 105 of 150

QID: 3712

Marks: 2

Who said "Every blow on my body will prove a nail in the coffin of the British Empire"?

- ☐ A. Lala Lajpat Rai ☐ B. Bipin Chandra Pal
☐ C. Chandra Shekhar Azad ☐ D. Bal Gangadhar Tilak

Question: 106 of 150

QID: 3713

Marks: 2

Mahatma Gandhi launched the Kheda Satyagraha in Gujarat in 1948 to support the cause of?

- ☐ A. Mill Owners ☐ B. Land Lords
☐ C. The Peasants ☐ D. Kol Rebellions

Question: 107 of 150

QID: 3714

Marks: 2

Who among the following was the court poet of Harsha?

- ☐ A. Kalidas ☐ B. Banabhatta
☐ C. Jayasi ☐ D. Kalhan

Question: 108 of 150

QID: 3715

Marks: 2

The battle of Buxar was fought in

- ☐ A. 1526
- ☐ B. 1576
- ☐ C. 1764
- ☐ D. 1757

Question: 109 of 150

QID: 3716

Marks: 2

Who gave the slogan 'Back to Vedas'?

- ☐ A. Swami Vivekananda
- ☐ B. Swami Sampoorananda
- ☐ C. Swami Dayanand Saraswati
- ☐ D. Mahatma Gandhi

Question: 110 of 150

QID: 3717

Marks: 2

Who was the last Viceroy of India?

- ☐ A. Lord Canning
- ☐ B. Lord Mountbatten
- ☐ C. Lord Ripon
- ☐ D. Lord Wellesley

Question: 111 of 150

QID: 3718

Marks: 2

Which amendment of the Constitution added the word 'Secular' in the Preamble?

- ☐ A. 41st Amendment
- ☐ B. 42nd Amendment
- ☐ C. 43rd Amendment
- ☐ D. 44th Amendment

Question: 112 of 150

QID: 3719

Marks: 2

Domestic Violence Act came into effect in

- ☐ A. 2005
- ☐ B. 2006
- ☐ C. 2007
- ☐ D. 2008

Question: 113 of 150

QID: 3720

Marks: 2

What is the term of Prime Minister as mentioned in the Constitution?

- ☐ A. 5 years
- ☐ B. 6 years
- ☐ C. No fixed term
- ☐ D. None of these

Question: 114 of 150

QID: 3721

Marks: 2

Who is the interpreter of the Constitution?

- ☐ A. Supreme Court
- ☐ B. Lok Sabha
- ☐ C. Rajya Sabha
- ☐ D. President

Question: 115 of 150

QID: 3722

Marks: 2

Supreme Court has made Right to Free Education as the part of which among the following rights?

- ☐ A. Right to life
- ☐ B. Right against exploitation
- ☐ C. Right to freedom of speech and expression
- ☐ D. Cultural and educational rights

Question: 116 of 150

QID: 3723

Marks: 2

Who administers the oath of the Chief Justice of High Court?

- ☐ A. Chief Minister of the state
- ☐ B. Chief Justice of Supreme Court
- ☐ C. Governor of the state
- ☐ D. President of India

Question: 117 of 150

QID: 3724

Marks: 2

Which of the following is related to Bharat Nirman Scheme?

- ☐ A. Food grain production self-sufficiency
- ☐ B. Family welfare programme
- ☐ C. Infrastructure development
- ☐ D. Employment generation programme

Question: 118 of 150

QID: 3725

Marks: 2

What is the minimum age for a candidate to be elected as President of India?

- ☐ A. 21 years ☐ B. 25 years
- ☐ C. 30 years ☐ D. 35 years

Question: 119 of 150

QID: 3726

Marks: 2

What is the number of Schedules in the Constitution of India?

- ☐ A. 8 ☐ B. 10
- ☐ C. 12 ☐ D. 21

Question: 120 of 150

QID: 3727

Marks: 2

Who among the following reserves the right to initiate the Constitution's Amendments?

- ☐ A. President of India ☐ B. Supreme Court of India
- ☐ C. High Court ☐ D. Parliament

Question: 121 of 150

QID: 3728

Marks: 2

Which of the following is the world's largest archipelago country?

- ☐ A. Japan ☐ B. Indonesia
- ☐ C. Malaysia ☐ D. Philippines

Question: 122 of 150

QID: 3729

Marks: 2

Indus river originates in

- ☐ A. Kinnaur ☐ B. Ladakh
- ☐ C. Nepal ☐ D. Tibet

Question: 123 of 150

QID: 3730

Marks: 2

Name the canal joining North Sea and Baltic Sea?

- ☐ A. Suez canal ☐ B. Panama canal
- ☐ C. Kiel canal ☐ D. None of these

Question: 124 of 150

QID: 3731

Marks: 2

Which country is the largest producer of Mica in the world?

- ☐ A. USA ☐ B. India
- ☐ C. China ☐ D. Australia

Question: 125 of 150

QID: 3732

Marks: 2

Which of the following rock contains fossils?

- ☐ A. Igneous rock ☐ B. Sedimentary rock
- ☐ C. Metamorphic rock ☐ D. All of these

Question: 126 of 150

QID: 3733

Marks: 2

Acceleration is a vector quantity, which indicates that its value

- ☐ A. can be positive, negative or zero ☐ B. is always negative
- ☐ C. is always positive ☐ D. is zero

Question: 127 of 150

QID: 3734

Marks: 2

Two boys A and B are applying force on a block. If the block moves towards the boy A, which one of the following statements is correct?

- ☐ A. Magnitude of force applied by A is greater than that of B. ☐ B. Magnitude of force applied is smaller than that of B.
- ☐ C. Net force on the block is towards B. ☐ D. Magnitude of force applied by A is equal to that of B.

Question: 128 of 150

QID: 3735

Marks: 2

The distance between any two compressions or rarefactions in a longitudinal wave is

- ☐ A. half wavelength
- ☐ B. twice the wavelength
- ☐ C. one wavelength
- ☐ D. one-fourth wavelength

Question: 129 of 150

QID: 3736

Marks: 2

The frequency of subsonic sound is

- ☐ A. more than 20 Hz
- ☐ B. 100 Hz
- ☐ C. less than 20 Hz
- ☐ D. more than 20,000 Hz

Question: 130 of 150

QID: 3737

Marks: 2

Mirage is due to

- ☐ A. unequal heating of different parts of the atmosphere
- ☐ B. magnetic disturbances in the atmosphere
- ☐ C. depletion of ozone layer in the atmosphere
- ☐ D. equal heating of different parts of the atmosphere

Question: 131 of 150

QID: 3738

Marks: 2

Magnetism at the centre of a bar magnet is

- ☐ A. minimum
- ☐ B. maximum
- ☐ C. zero
- ☐ D. minimum or maximum

Question: 132 of 150

QID: 3739

Marks: 2

A pendulum oscillates 20 times in 4 seconds. Find its time period.

- ☐ A. 0.05 sec
- ☐ B. 0.001 sec
- ☐ C. 0.2 sec
- ☐ D. 0.1 sec

Question: 133 of 150

QID: 3740

Marks: 2

What is the name of the instrument which is used to determine atmospheric pressure?

- ☐ A. Barometer
- ☐ B. Altimeter
- ☐ C. Fathometer
- ☐ D. Ammeter

Question: 134 of 150

QID: 3741

Marks: 2

The action and reaction forces referred to in Newton's third law

- ☐ A. must act on the same object
- ☐ B. may act on different objects
- ☐ C. must act on different objects
- ☐ D. need not be equal in magnitude but act in the same direction

Question: 135 of 150

QID: 3742

Marks: 2

Myopia can be corrected by using a

- ☐ A. concave lens
- ☐ B. convex lens
- ☐ C. opaque lens
- ☐ D. micro lens

Question: 136 of 150

QID: 3743

Marks: 2

Pure water is a of electricity.

- ☐ A. super conductor
- ☐ B. bad conductor
- ☐ C. speed conductor
- ☐ D. None of the above

Question: 137 of 150

QID: 3744

Marks: 2

1 dyne (a unit of force in CGS system) equals to

- ☐ A. 10^3 g-cm/s^2
- ☐ B. 10^{-2} g-cm/s^2
- ☐ C. 10^3 kg-m/s^2
- ☐ D. 10^5 kg-m/s^2

Question: 138 of 150

QID: 3745

Marks: 2

A body is falling freely under the action of gravity alone in vacuum. Which one of the following remains constant during the fall?

- ☐ A. Potential energy
- ☐ B. Kinetic energy
- ☐ C. Total linear momentum
- ☐ D. Total mechanical energy

Question: 139 of 150

QID: 3746

Marks: 2

The power of an earthquake is expressed in terms of magnitude on a scale called

- ☐ A. Righter scale
- ☐ B. Quake scale
- ☐ C. Richter scale
- ☐ D. Earth scale

Question: 140 of 150

QID: 3747

Marks: 2

Which one of the following statements about energy is correct?

- ☐ A. Energy can be created as well as destroyed
- ☐ B. Energy can be created but not destroyed
- ☐ C. Energy can neither be created nor destroyed
- ☐ D. Energy cannot be created but can be destroyed

Question: 141 of 150

QID: 3748

Marks: 2

The synthetic material which can be used for making fabric as well as shatterproof bottles and jars is

- ☐ A. nylon
- ☐ B. rayon
- ☐ C. polyester
- ☐ D. acrylic

Question: 142 of 150

QID: 3749

Marks: 2

The substance having the highest calorific value is

- ☐ A. hydrogen
- ☐ B. bio gas
- ☐ C. LPG
- ☐ D. CNG

Question: 143 of 150

QID: 3750

Marks: 2

The following that are stored in water and kerosene respectively are

- ☐ A. mercury and phosphorus
- ☐ B. potassium and sodium
- ☐ C. phosphorus and sodium
- ☐ D. none

Question: 144 of 150

QID: 3751

Marks: 2

In destructive distillation, the solid black residue is called

- ☐ A. coal
- ☐ B. ash
- ☐ C. coke
- ☐ D. coal tar

Question: 145 of 150

QID: 3752

Marks: 2

Sulphur dioxide dissolves in water to give

- ☐ A. Sulphurous acid
- ☐ B. sulphur acid
- ☐ C. sulphur oxide
- ☐ D. sulphuric acid

Question: 146 of 150

QID: 3753

Marks: 2

Fire fighters uniform is coated with a plastic that is fire resistant. Identify the plastic from the given options.

- ☐ A. Teflon
- ☐ B. Melamine
- ☐ C. PET
- ☐ D. Polyester

Question: 147 of 150

QID: 3754

Marks: 2

A student classifies chromium as ductile but not carbon. What explains the classification?

- ☐ A. Chromium can be drawn into thin wires, but carbon cannot.
- ☐ B. Chromium can be made into thin sheets, but carbon cannot.
- ☐ C. Chromium can be beaten to make sound, but carbon cannot.
- ☐ D. Chromium can be plated over other metals, but carbon cannot.

Two elements X and Y are reacted with oxygen to form their respective oxides. They are then dissolved in water. Element X forms a hydroxide which is basic in nature. Element Y forms an acid. What can elements X and Y be?

- ☐ A. X-Metal; Y-Non-metal
- ☐ B. X-Non-metal; Y-Metal
- ☐ C. X-Metal; Y-Metal
- ☐ D. X-Non-metal; Y-Non-metal

Name the element that can displace copper from the copper sulphate solution?

- ☐ A. Iron
- ☐ B. Platinum
- ☐ C. Gold
- ☐ D. Silver

Sodium and phosphorus can be used in

- ☐ A. machinery
- ☐ B. electric wires
- ☐ C. fertilizers
- ☐ D. fuel

--- END OF QUESTION PAPER ---

Answer Key

No	Question Type	QID	Correct Answer
Question - 1	Multiple Choice (Radiobutton)	3008	B
Question - 2	Multiple Choice (Radiobutton)	3009	D
Question - 3	Multiple Choice (Radiobutton)	3010	D
Question - 4	Multiple Choice (Radiobutton)	3011	A
Question - 5	Multiple Choice (Radiobutton)	3012	D
Question - 6	Multiple Choice (Radiobutton)	3013	C
Question - 7	Multiple Choice (Radiobutton)	3014	D
Question - 8	Multiple Choice (Radiobutton)	3015	B
Question - 9	Multiple Choice (Radiobutton)	3016	C
Question - 10	Multiple Choice (Radiobutton)	3017	D
Question - 11	Multiple Choice (Radiobutton)	3018	D
Question - 12	Multiple Choice (Radiobutton)	3019	D
Question - 13	Multiple Choice (Radiobutton)	3020	B
Question - 14	Multiple Choice (Radiobutton)	3021	D
Question - 15	Multiple Choice (Radiobutton)	3022	A
Question - 16	Multiple Choice (Radiobutton)	3023	A
Question - 17	Multiple Choice (Radiobutton)	3024	B
Question - 18	Multiple Choice (Radiobutton)	3025	A
Question - 19	Multiple Choice (Radiobutton)	3026	C
Question - 20	Multiple Choice (Radiobutton)	3027	D
Question - 21	Multiple Choice (Radiobutton)	3028	A
Question - 22	Multiple Choice (Radiobutton)	3029	C
Question - 23	Multiple Choice (Radiobutton)	3030	B
Question - 24	Multiple Choice (Radiobutton)	3031	A
Question - 25	Multiple Choice (Radiobutton)	3032	A
Question - 26	Multiple Choice (Radiobutton)	3633	C
Question - 27	Multiple Choice (Radiobutton)	3634	B
Question - 28	Multiple Choice (Radiobutton)	3635	A
Question - 29	Multiple Choice (Radiobutton)	3636	A
Question - 30	Multiple Choice (Radiobutton)	3637	A
Question - 31	Multiple Choice (Radiobutton)	3638	D
Question - 32	Multiple Choice (Radiobutton)	3639	D
Question - 33	Multiple Choice (Radiobutton)	3640	C
Question - 34	Multiple Choice (Radiobutton)	3641	B
Question - 35	Multiple Choice (Radiobutton)	3642	A
Question - 36	Multiple Choice (Radiobutton)	3643	C
Question - 37	Multiple Choice (Radiobutton)	3644	B
Question - 38	Multiple Choice (Radiobutton)	3645	A
Question - 39	Multiple Choice (Radiobutton)	3646	D
Question - 40	Multiple Choice (Radiobutton)	3647	A

No	Question Type	QID	Correct Answer
Question - 41	Multiple Choice (Radiobutton)	3648	C
Question - 42	Multiple Choice (Radiobutton)	3649	A
Question - 43	Multiple Choice (Radiobutton)	3650	C
Question - 44	Multiple Choice (Radiobutton)	3651	A
Question - 45	Multiple Choice (Radiobutton)	3652	A
Question - 46	Multiple Choice (Radiobutton)	3653	A
Question - 47	Multiple Choice (Radiobutton)	3654	D
Question - 48	Multiple Choice (Radiobutton)	3655	C
Question - 49	Multiple Choice (Radiobutton)	3656	A
Question - 50	Multiple Choice (Radiobutton)	3657	D
Question - 51	Multiple Choice (Radiobutton)	3658	B
Question - 52	Multiple Choice (Radiobutton)	3659	D
Question - 53	Multiple Choice (Radiobutton)	3660	B
Question - 54	Multiple Choice (Radiobutton)	3661	D
Question - 55	Multiple Choice (Radiobutton)	3662	C
Question - 56	Multiple Choice (Radiobutton)	3663	B
Question - 57	Multiple Choice (Radiobutton)	3664	B
Question - 58	Multiple Choice (Radiobutton)	3665	C
Question - 59	Multiple Choice (Radiobutton)	3666	C
Question - 60	Multiple Choice (Radiobutton)	3667	A
Question - 61	Multiple Choice (Radiobutton)	3668	B
Question - 62	Multiple Choice (Radiobutton)	3669	D
Question - 63	Multiple Choice (Radiobutton)	3670	C
Question - 64	Multiple Choice (Radiobutton)	3671	C
Question - 65	Multiple Choice (Radiobutton)	3672	B
Question - 66	Multiple Choice (Radiobutton)	3673	B
Question - 67	Multiple Choice (Radiobutton)	3674	B
Question - 68	Multiple Choice (Radiobutton)	3675	C
Question - 69	Multiple Choice (Radiobutton)	3676	D
Question - 70	Multiple Choice (Radiobutton)	3677	A
Question - 71	Multiple Choice (Radiobutton)	3678	C
Question - 72	Multiple Choice (Radiobutton)	3679	A
Question - 73	Multiple Choice (Radiobutton)	3680	B
Question - 74	Multiple Choice (Radiobutton)	3681	C
Question - 75	Multiple Choice (Radiobutton)	3682	A
Question - 76	Multiple Choice (Radiobutton)	3683	C
Question - 77	Multiple Choice (Radiobutton)	3684	D
Question - 78	Multiple Choice (Radiobutton)	3685	A
Question - 79	Multiple Choice (Radiobutton)	3686	B
Question - 80	Multiple Choice (Radiobutton)	3687	D
Question - 81	Multiple Choice (Radiobutton)	3688	B
Question - 82	Multiple Choice (Radiobutton)	3689	D
Question - 83	Multiple Choice (Radiobutton)	3690	B
Question - 84	Multiple Choice (Radiobutton)	3691	B
Question - 85	Multiple Choice (Radiobutton)	3692	A
Question - 86	Multiple Choice (Radiobutton)	3693	B

No	Question Type	QID	Correct Answer
Question - 87	Multiple Choice (Radiobutton)	3694	A
Question - 88	Multiple Choice (Radiobutton)	3695	B
Question - 89	Multiple Choice (Radiobutton)	3696	D
Question - 90	Multiple Choice (Radiobutton)	3697	B
Question - 91	Multiple Choice (Radiobutton)	3698	C
Question - 92	Multiple Choice (Radiobutton)	3699	C
Question - 93	Multiple Choice (Radiobutton)	3700	D
Question - 94	Multiple Choice (Radiobutton)	3701	A
Question - 95	Multiple Choice (Radiobutton)	3702	C
Question - 96	Multiple Choice (Radiobutton)	3703	B
Question - 97	Multiple Choice (Radiobutton)	3704	C
Question - 98	Multiple Choice (Radiobutton)	3705	B
Question - 99	Multiple Choice (Radiobutton)	3706	D
Question - 100	Multiple Choice (Radiobutton)	3707	A
Question - 101	Multiple Choice (Radiobutton)	3708	C
Question - 102	Multiple Choice (Radiobutton)	3709	A
Question - 103	Multiple Choice (Radiobutton)	3710	B
Question - 104	Multiple Choice (Radiobutton)	3711	B
Question - 105	Multiple Choice (Radiobutton)	3712	A
Question - 106	Multiple Choice (Radiobutton)	3713	C
Question - 107	Multiple Choice (Radiobutton)	3714	B
Question - 108	Multiple Choice (Radiobutton)	3715	C
Question - 109	Multiple Choice (Radiobutton)	3716	C
Question - 110	Multiple Choice (Radiobutton)	3717	B
Question - 111	Multiple Choice (Radiobutton)	3718	B
Question - 112	Multiple Choice (Radiobutton)	3719	B
Question - 113	Multiple Choice (Radiobutton)	3720	C
Question - 114	Multiple Choice (Radiobutton)	3721	A
Question - 115	Multiple Choice (Radiobutton)	3722	A
Question - 116	Multiple Choice (Radiobutton)	3723	C
Question - 117	Multiple Choice (Radiobutton)	3724	C
Question - 118	Multiple Choice (Radiobutton)	3725	D
Question - 119	Multiple Choice (Radiobutton)	3726	C
Question - 120	Multiple Choice (Radiobutton)	3727	D
Question - 121	Multiple Choice (Radiobutton)	3728	B
Question - 122	Multiple Choice (Radiobutton)	3729	D
Question - 123	Multiple Choice (Radiobutton)	3730	C
Question - 124	Multiple Choice (Radiobutton)	3731	C
Question - 125	Multiple Choice (Radiobutton)	3732	B
Question - 126	Multiple Choice (Radiobutton)	3733	A
Question - 127	Multiple Choice (Radiobutton)	3734	A
Question - 128	Multiple Choice (Radiobutton)	3735	C
Question - 129	Multiple Choice (Radiobutton)	3736	C
Question - 130	Multiple Choice (Radiobutton)	3737	A
Question - 131	Multiple Choice (Radiobutton)	3738	C
Question - 132	Multiple Choice (Radiobutton)	3739	C

No	Question Type	QID	Correct Answer
Question - 133	Multiple Choice (Radiobutton)	3740	A
Question - 134	Multiple Choice (Radiobutton)	3741	B
Question - 135	Multiple Choice (Radiobutton)	3742	A
Question - 136	Multiple Choice (Radiobutton)	3743	B
Question - 137	Multiple Choice (Radiobutton)	3744	D
Question - 138	Multiple Choice (Radiobutton)	3745	D
Question - 139	Multiple Choice (Radiobutton)	3746	C
Question - 140	Multiple Choice (Radiobutton)	3747	C
Question - 141	Multiple Choice (Radiobutton)	3748	C
Question - 142	Multiple Choice (Radiobutton)	3749	A
Question - 143	Multiple Choice (Radiobutton)	3750	C
Question - 144	Multiple Choice (Radiobutton)	3751	C
Question - 145	Multiple Choice (Radiobutton)	3752	A
Question - 146	Multiple Choice (Radiobutton)	3753	B
Question - 147	Multiple Choice (Radiobutton)	3754	A
Question - 148	Multiple Choice (Radiobutton)	3755	A
Question - 149	Multiple Choice (Radiobutton)	3756	A
Question - 150	Multiple Choice (Radiobutton)	3757	C

--- END OF ANSWER KEY ---