

**Studybox Doon**

AISSEE\_Class9th\_M10\_studyboxdoon.com

Exam ID: 126

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Exam Instructions

1. The timer has been set for the exam, and a countdown will display the remaining time. When the timer runs out, the exam will end automatically. No further action will be required after that.
2. You can flag any question that you want.
3. If you don't want to submit any of your provided answers, you can clear them.
4. If you choose to drop this exam, it will not be submitted, and no result will be generated.
5. Once you finish the exam, you cannot resume it.

### Question: 1 of 150

QID: 3033

Marks: 4

The value of  $(-3/2 \times 4/5) + (9/5 \times -10/3) - (1/2 \times 3/4)$  ?

Please mark (✓) for the correct answer.

- ☐ A.  $(-503)/40$  ☐ B.  $(-203)/40$   
☐ C.  $(-403)/40$  ☐ D.  $(-303)/40$

### Question: 2 of 150

QID: 3034

Marks: 4

The abscissa of a point is its distance from the

Please mark (✓) for the correct answer.

- ☐ A. Origin ☐ B. X-Axis  
☐ C. Y-Axis ☐ D. None

### Question: 3 of 150

QID: 3035

Marks: 4

What is the value of m, if  $(2/9)^3 \times (2/9)^{-6} = (2/9)^{2m-1}$

Please mark (✓) for the correct answer.

- ☐ A.  $m = 1$  ☐ B.  $m = -2$   
☐ C.  $m = -1$  ☐ D.  $m = 2$

**Question: 4 of 150**

QID: 3036

Marks: 4

"If a number when divided by 4 leaves remainder 2 or 3", then which one is the correct statement?

Please mark (✓) for the correct answer.

- ☐ A. The number is not a perfect square
- ☐ B. The number is a perfect square
- ☐ C. The number is a prime number
- ☐ D. None of these

**Question: 5 of 150**

QID: 3037

Marks: 4

The value of  $(\sqrt{0.2304} + \sqrt{0.1764}) / (\sqrt{0.2304} - \sqrt{0.1764})$

Please mark (✓) for the correct answer.

- ☐ A. 15
- ☐ B. 16
- ☐ C. 5
- ☐ D. 150

**Question: 6 of 150**

QID: 3038

Marks: 4

Three numbers are in the ratio 2 : 3 : 4. The sum of their cubes is 33957. The numbers are

Please mark (✓) for the correct answer.

- ☐ A. 16, 24 and 32
- ☐ B. 12, 18 and 24
- ☐ C. 14, 21 and 28
- ☐ D. 18, 27 and 36

**Question: 7 of 150**

QID: 3039

Marks: 4

Find the least square number divisible by each one of 8, 9 and 10 :-

Please mark (✓) for the correct answer.

- ☐ A. 360
- ☐ B. 36
- ☐ C. 3600
- ☐ D.  $3.6 \times 10^5$

**Question: 8 of 150**

QID: 3040

Marks: 4

If 148101a095 is a multiple of 11, where a is a digit, the value of a is

Please mark (✓) for the correct answer.

- ☐ A. 0
- ☐ B. 4
- ☐ C. 1
- ☐ D. 2

**Question: 9 of 150**

QID: 3041

Marks: 4

Find the value of A and B in

$$B \times B \times 3 = 57A$$

Please mark (✓) for the correct answer.

- ☐ A. A=5 and B=2
- ☐ B. A=5 and B = 5
- ☐ C. A = 2 and B =2
- ☐ D. A=2 and B = 5

**Question: 10 of 150**

QID: 3042

Marks: 4

Find the value of Z for which the number 471Z8 is divisible by 9.

Please mark (✓) for the correct answer.

- ☐ A. 4
- ☐ B. 5
- ☐ C. 7
- ☐ D. 8

**Question: 11 of 150**

QID: 3043

Marks: 4

If the area of an equilateral triangle is  $64\sqrt{3} \text{ cm}^2$ , then the side of the triangle is

Please mark (✓) for the correct answer.

- ☐ A.  $18\sqrt{3} \text{ cm}$
- ☐ B. 9 cm
- ☐ C. 16 cm
- ☐ D.  $3\sqrt{2} \text{ cm}$

**Question: 12 of 150**

QID: 3044

Marks: 4

The value of  $(4m^2 - a^2 + 2ab - b^2) / (2m + a - b)$  is

Please mark (✓) for the correct answer.

- ☐ A.  $(2m + a + b)$
- ☐ B.  $(2m - a - b)$
- ☐ C.  $(2m + a - b)$
- ☐ D.  $(2m + a - b)$

**Question: 13 of 150**

QID: 3045

Marks: 4

The ratio between the speeds of two trains A and B is 3:5. If train B runs 300 km in 4 hours, the speed of train A will be

Please mark (✓) for the correct answer.

- ☐ A. 40 km/h
- ☐ B. 60 km/h
- ☐ C. 30 km/h
- ☐ D. 45 km/h

**Question: 14 of 150**

QID: 3046

Marks: 4

Two years ago, Dilip was three times as old as his son and two years hence, twice his age will be equal to five times that of his son. The present age of son and Dilip are

Please mark (✓) for the correct answer.

- ☐ A. 14, 38 years
- ☐ B. 16, 40 years
- ☐ C. 12, 36 years
- ☐ D. None

**Question: 15 of 150**

QID: 3047

Marks: 4

The probability of getting a 7 in a single throw of a dice is:

Please mark (✓) for the correct answer.

- ☐ A. 1
- ☐ B. 0
- ☐ C. 1/6
- ☐ D. 1/2

**Question: 16 of 150**

QID: 3048

Marks: 4

A's income is 60% more than that of B. By what percent is B's income less than A's?

Please mark (✓) for the correct answer.

- ☐ A. 37%
- ☐ B. 37.5%
- ☐ C. 36.5%
- ☐ D. 36%

**Question: 17 of 150**

QID: 3049

Marks: 4

By joining  $(-3, 2)$ ,  $(-3, -3)$  and  $(-3, 4)$ , which of the following is obtained?

Please mark (✓) for the correct answer.

- ☐ A. A triangle
- ☐ B. A straight line parallel to x-axis
- ☐ C. A straight line parallel to y-axis
- ☐ D. A straight line passing through origin

**Question: 18 of 150**

QID: 3050

Marks: 4

The number of times a particular observation occurs in a given data is called its

Please mark (✓) for the correct answer.

- ☐ A. Frequency
- ☐ B. Range
- ☐ C. Mean
- ☐ D. None of these

## Question: 19 of 150

QID: 3051

Marks: 4

By selling 33 m of cloth, a draper loses an amount equal to the selling price of 3 m of cloth. Find his gain or less percent.

Please mark (✓) for the correct answer.

- ☐ A. gain  $8\frac{1}{3}\%$  ☐ B. loss  $8\frac{1}{3}\%$
- ☐ C. gain 7% ☐ D. loss 7%

## Question: 20 of 150

QID: 3052

Marks: 4

Three cubes of metal whose edges are 6 cm, 8 cm and 10 cm respectively are melted to form a single cube. The edge of the new cube is

Please mark (✓) for the correct answer.

- ☐ A. 24 cm ☐ B. 20 cm
- ☐ C. 18 cm ☐ D. 12 cm

## Question: 21 of 150

QID: 3053

Marks: 4

Find the single discount equivalent to two successive discounts of 20% and 10%

Please mark (✓) for the correct answer.

- ☐ A. 25% ☐ B. 30%
- ☐ C. 28% ☐ D. 10%

## Question: 22 of 150

QID: 3054

Marks: 4

Which of the following is not a case of direct variation?

Please mark (✓) for the correct answer.

- ☐ A. Number of sheets of some kind are increased when their total weight is increased ☐ B. More quantity of petrol is required to travel more distance with a fixed speed
- ☐ C. More fees would be collected if number of students increase in a class ☐ D. Time taken will be less, if number of workers is increased to complete the same work.

## Question: 23 of 150

QID: 3055

Marks: 4

If  $a + b + c = 9$  and  $ab + bc + ca = 23$ , then the value of  $a^2 + b^2 + c^2$  equals to

Please mark (✓) for the correct answer.

- ☐ A. 35 ☐ B. 81
- ☐ C. 127 ☐ D. 217

## Question: 24 of 150

QID: 3056

Marks: 4

On dividing 200 into two parts,  $\frac{1}{3}$  of the first part and  $\frac{1}{2}$  of the second part are equal. The larger of the parts is

Please mark (✓) for the correct answer.

- ☐ A. 80 ☐ B. 120  
☐ C. 40 ☐ D. 150

## Question: 25 of 150

QID: 3057

Marks: 4

On selling a fan for ₹810, Sunil gains 8%. For how much did he purchase it?

Please mark (✓) for the correct answer.

- ☐ A. 700 ☐ B. 675  
☐ C. 650 ☐ D. 750

## Question: 26 of 150

QID: 3058

Marks: 4

Find the value of x:  $3^{\sqrt{2x}} * 3^{\sqrt{x+3}} * 3^{\sqrt{4-x}} = (\sqrt{3})^{10}$

Please mark (✓) for the correct answer.

- ☐ A. -1 ☐ B. 0  
☐ C. 1 ☐ D. 2

## Question: 27 of 150

QID: 3059

Marks: 4

$$\sqrt[3]{\frac{-x^6 \times y^3 \times z^{21}}{z^9 \times x^{12}}}$$

Please mark (✓) for the correct answer.

- ☐ A.  $\frac{-yz^3}{x^2}$  ☐ B.  $\frac{yz^4}{x^2}$   
☐ C.  $\frac{-xy^4}{z^2}$  ☐ D.  $\frac{-yz^4}{x^2}$

## Question: 28 of 150

QID: 3060

Marks: 4

If n is a perfect cube, then every prime factor of 'n' occurs

Please mark (✓) for the correct answer.

- ☐ A. One time ☐ B. Two times  
☐ C. Three times ☐ D. Four times

## Question: 29 of 150

QID: 3061

Marks: 4

Find the greatest number of four digits which is a perfect square.

Please mark (✓) for the correct answer.

- ☐ A. 9800 ☐ B. 9864
- ☐ C. 9999 ☐ D. 9801

## Question: 30 of 150

QID: 3062

Marks: 4

If the ratio of the ages (in years) of x and y, 8 years ago is 7 : 6, then which of the following can be the sum of their ages 8 years from now?

Please mark (✓) for the correct answer.

- ☐ A. 82 ☐ B. 97
- ☐ C. 75 ☐ D. 94

## Question: 31 of 150

QID: 3063

Marks: 4

The age of the boy is one-fifth of the age of his mother and sum of the ages of the son and the mother is equal to the age of the father. After 15 years, the sum of the ages of the son and his mother will be four-third of his father's age. Find the ratio of the present ages of son, mother and father respectively.

Please mark (✓) for the correct answer.

- ☐ A. 1 : 5 : 7 ☐ B. 2 : 10 : 10
- ☐ C. 1 : 5 : 6 ☐ D. 2 : 8 : 9

## Question: 32 of 150

QID: 3064

Marks: 4

The ratio of the income of P and Q is 5 : 4. The ratio of expenditure is 4 : 3. The saving of P is more than that of Q by  $16\frac{2}{3}\%$ . What % of his income does P spend?

Please mark (✓) for the correct answer.

- ☐ A.  $54\frac{1}{3}\%$  ☐ B.  $53\frac{1}{3}\%$
- ☐ C.  $53\frac{2}{3}\%$  ☐ D.  $51\frac{2}{3}\%$

## Question: 33 of 150

QID: 3065

Marks: 4

Mohan invested a sum of ₹12,500 at 12% per annum compound interest. He received an amount of ₹15,680 after x year. Then the value of x is

Please mark (✓) for the correct answer.

- ☐ A. 1 ☐ B. 4
- ☐ C. 3 ☐ D. 2

## Question: 34 of 150

QID: 3066

Marks: 4

Find the compound interest on ₹1,25,000 for 9 months at 8% per annum, compounded quarterly.

Please mark (✓) for the correct answer.

- ☐ A. 7551 ☐ B. 7651
- ☐ C. 7650 ☐ D. 7655

## Question: 35 of 150

QID: 3067

Marks: 4

Pipe A can fill a tank in 12 hours and pipe B can empty the tank in 18 hours. Both pipes are opened at 6 AM and after some time, pipe B is closed and tank is full at 8 PM. At what time was the pipe B closed?

Please mark (✓) for the correct answer.

- ☐ A. 10 AM ☐ B. 8 AM
- ☐ C. 9 AM ☐ D. 11 AM

## Question: 36 of 150

QID: 3068

Marks: 4

A car covers 300 kms at a constant speed. If its speed was 10 kmph more, it would have taken 1 hour less to travel the same distance. Find the speed of the car.

Please mark (✓) for the correct answer.

- ☐ A. 60 kmph ☐ B. 50 kmph
- ☐ C. 40 kmph ☐ D. 75 kmph

## Question: 37 of 150

QID: 3069

Marks: 4

Two trains are travelling in opposite direction with speed of 25 m/s and 30 m/s respectively. If the length of one train is 300 m and that of the other train is 250 m, then find the time taken by the trains to cross each other.

Please mark (✓) for the correct answer.

- ☐ A. 8 s ☐ B. 10 s
- ☐ C. 12 s ☐ D. 14 s

## Question: 38 of 150

QID: 3070

Marks: 4

The sum of the digits of a two digit number is 9. If 27 is subtracted from the number then the digits get reversed. Find the number.

Please mark (✓) for the correct answer.

- ☐ A. 81 ☐ B. 72
- ☐ C. 36 ☐ D. 63

## Question: 39 of 150

QID: 3071

Marks: 4

There are some four-wheelers and six-wheelers in a garage. The total number of wheels of these vehicles is 120. The number of four-wheelers is  $\frac{3}{2}$  times the number of six-wheelers. Find the number of six-wheelers in the garage.

Please mark (✓) for the correct answer.

☐ A. 20☐ B. 5☐ C. 15☐ D. 10

## Question: 40 of 150

QID: 3072

Marks: 4

What is the minimum interior angle possible for a regular polygon?

Please mark (✓) for the correct answer.

☐ A.  $60^\circ$ ☐ B.  $75^\circ$ ☐ C.  $90^\circ$ ☐ D. None

## Question: 41 of 150

QID: 3073

Marks: 4

What is the number of diagonals in a hexagon?

Please mark (✓) for the correct answer.

☐ A. 4☐ B. 6☐ C. 9☐ D. 10

## Question: 42 of 150

QID: 3074

Marks: 4

If the adjacent figure, the bisectors of  $\angle A$  and  $\angle B$  meet at a point P. If  $\angle C=100^\circ$  and  $\angle D=60^\circ$ , find the measure of  $\angle APB$ .

□

Please mark (✓) for the correct answer.

☐ A.  $60^\circ$ ☐ B.  $70^\circ$ ☐ C.  $90^\circ$ ☐ D.  $80^\circ$ 

## Question: 43 of 150

QID: 3075

Marks: 4

A square and a rectangle each have a perimeter of 40 m. The difference between areas of the two figures is  $9 \text{ m}^2$ . What are the possible dimensions of the rectangle?

Please mark (✓) for the correct answer.

☐ A. 13 m, 7 m☐ B. 14 m, 6 m☐ C. 108 m, 1 m☐ D. 15 m, 5 m

## Question: 44 of 150

QID: 3076

Marks: 4

In a parallelogram ABCD, AB = 6 cm, BC = 5 cm and AC = 7 cm. Find the perpendicular distance between AB and CD.

Please mark (✓) for the correct answer.

- ☐ A.  $6\sqrt{6}$  cm
- ☐ B.  $12\sqrt{6}$  cm
- ☐ C. 5 cm
- ☐ D.  $2\sqrt{6}$  cm

## Question: 45 of 150

QID: 3077

Marks: 4

Some cubic metres of earth is dug out to sink a well which is 16 m deep and which has a radius of 3.5 m. If that amount of earth when taken out is spread over a rectangular plot of dimensions 25 m × 16 m, what is the height of the platforms so formed?

Please mark (✓) for the correct answer.

- ☐ A. 1.54 m
- ☐ B. 1.50 m
- ☐ C. 1.52 m
- ☐ D. 1.53 m

## Question: 46 of 150

QID: 3078

Marks: 4

What is the difference between the total surface area and curved surface area of a cylinder whose radius is equal to 10 cm?

Please mark (✓) for the correct answer.

- ☐ A.  $200\pi$  cm<sup>2</sup>
- ☐ B.  $300\pi$  cm<sup>2</sup>
- ☐ C.  $100\pi$  cm<sup>2</sup>
- ☐ D.  $10\pi$  cm<sup>2</sup>

## Question: 47 of 150

QID: 3079

Marks: 4

The mean of six numbers is 15. If 2 is taken away from every number, the new mean would be

Please mark (✓) for the correct answer.

- ☐ A. 13
- ☐ B. 4
- ☐ C. 17
- ☐ D. 8

## Question: 48 of 150

QID: 3080

Marks: 4

The sides of the triangle are 45 cm, 60 cm and 75 cm. Find the length drawn to the longest side from its opposite vertex

Please mark (✓) for the correct answer.

- ☐ A. 27 cm
- ☐ B. 21 cm
- ☐ C. 39 cm
- ☐ D. 36 cm

In the following figure, find the value of Y

□

Please mark (✓) for the correct answer.

- ☐ A. 50° ☐ B. 65°  
☐ C. 60° ☐ D. 70°

## Question: 50 of 150

QID: 3082

Marks: 4

A cylindrical tank has a capacity of 5632 m<sup>3</sup>. If the diameter of its base is 16 m, find its depth.

Please mark (✓) for the correct answer.

- ☐ A. 28 m ☐ B. 25 m  
☐ C. 16 m ☐ D. 29 m

## Question: 51 of 150

QID: 3083

Marks: 2

Candidates must \_\_\_\_\_ the general conditions for admission.

Please mark (✓) for the correct answer.

- ☐ A. do ☐ B. prepare  
☐ C. satisfy ☐ D. create

## Question: 52 of 150

QID: 3084

Marks: 2

He resorts \_\_\_\_\_ sharp practice in his dealings.

Please mark (✓) for the correct answer.

- ☐ A. at ☐ B. to  
☐ C. in ☐ D. for

## Question: 53 of 150

QID: 3085

Marks: 2

\_\_\_\_\_ English is an international language.

Please mark (✓) for the correct answer.

- ☐ A. No article ☐ B. The  
☐ C. A ☐ D. An

**Question: 54 of 150**

QID: 3086

Marks: 2

The word 'Industrious' means:

Please mark (✓) for the correct answer.

- ☐ A. Working in industry ☐ B. Labour in factory
- ☐ C. Hard working ☐ D. Laid back

**Question: 55 of 150**

QID: 3087

Marks: 2

Choose the correct order to make the sentence below meaningful:-

**Wear/ these/ people/ almost/ a/ majority/ of/ days/ a watch**

**1      2      3      4      5      6      7      8      9**

Please mark (✓) for the correct answer.

- ☐ A. 4 5 6 7 1 3 2 8 ☐ B. 4 5 7 6 1 3 8 9
- ☐ C. 4 5 6 7 9 2 3 1 8 ☐ D. 4 5 6 7 1 2 8 9

**Question: 56 of 150**

QID: 3088

Marks: 2

Select the word closest in meaning to "Mortal":

Please mark (✓) for the correct answer.

- ☐ A. Recurrent ☐ B. Trivial
- ☐ C. Fatal ☐ D. Eternal

**Question: 57 of 150**

QID: 3089

Marks: 2

Mark the word with the correct spelling

Please mark (✓) for the correct answer.

- ☐ A. Maintenance ☐ B. Maintennance
- ☐ C. Maintanance ☐ D. Maintainance

**Question: 58 of 150**

QID: 3090

Marks: 2

The coach insisted that Ronaldo \_\_\_\_\_ the centre position; even though he's too short for that position.  
(Use the correct verb)

Please mark (✓) for the correct answer.

- ☐ A. play ☐ B. played
- ☐ C. plays ☐ D. none of these

## Question: 59 of 150

QID: 3091

Marks: 2

\_\_\_\_\_ King of Scotland saw \_\_\_\_\_ spider trying to climb up to \_\_\_\_\_ ceiling of the cave. (Use Articles)

Please mark (✓) for the correct answer.

- ☐ A. The, a, the ☐ B. A, a, the
- ☐ C. No article, a, no article ☐ D. The, a, no article

## Question: 60 of 150

QID: 3092

Marks: 2

Raju relishes not only Chinese \_\_\_\_\_ continental food. (Use appropriate Conjunction)

Please mark (✓) for the correct answer.

- ☐ A. also ☐ B. but
- ☐ C. but also ☐ D. rather

## Question: 61 of 150

QID: 3093

Marks: 2

You must learn \_\_\_\_\_ English every day to improve it. (Use appropriate determiner)

Please mark (✓) for the correct answer.

- ☐ A. a few ☐ B. a little
- ☐ C. a lot ☐ D. none of these

## Question: 62 of 150

QID: 3094

Marks: 2

Arrange the jumbled words to form a meaningful sentence.

**most/ inventor/ world/ Thomas/ Alva/ Edison/ the/ in/ is/ remarkable/ the**

Please mark (✓) for the correct answer.

- ☐ A. The remarkable inventor in the most world is Thomas Alva Edison. ☐ B. Thomas Alva Edison is the most remarkable inventor in the world.
- ☐ C. If the most remarkable inventor in the world Thomas Alva Edison. ☐ D. In the world most remarkable inventor is Thomas Alva Edison.

**Read the following passages and answer the questions that follow:**

The moon's role in causing tides is much more high and important than that of the Sun. The reason is that the moon enjoys more proximity to the earth than the sun. As such its force is greater than that of the sun in attracting the surface water. Tides are of immense importance. In trade, navigation and fishing, tides are very useful. During the high tide, the water depth near the coast goes up and helps big ships to reach the ports. Kandla port in Gujarat and Diamond Harbour in West Bengal owe their very existence to the tides only. The significance of both London and Kolkata also depends on the tides. Tides also keep the harbours clear of refuse and mud brought down by rivers and thus they do not allow the harbours to be silted. Commonly, the tidal rivers are navigable. For the purpose of generating electricity, tidal waves are harnessed. Tides do not allow the sea water to be frozen by keeping the sea water in motion. Tides are also made use by the fishermen for sailing into the sea and returning to the harbour. In countries like Canada, U.K., France and Japan, tidal power stations are set up.

**Why does the moon play a greater role than the sun in causing tides?**

Please mark (✓) for the correct answer.

- ☐ A. The moon is closer to the earth as compared to the sun. ☐ B. The moon has greater gravitational pull.
- ☐ C. The moon shines in night. ☐ D. None of the above.

**Question: 64 of 150**

QID: 3096

Marks: 2

**Read the following passages and answer the questions that follow:**

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**How are tides useful for the economy of the country?**

Please mark (✓) for the correct answer.

- ☐ A. Tides bring treasure of sea with them. ☐ B. During high tides, big ships can reach the ports thus opening new vistas for business.
- ☐ C. Tides destroy enemies of the country. ☐ D. None of the above.

**Read the following passages and answer the questions that follow:**

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**Which word in the passage means 'to bring under control'?**

Please mark (✓) for the correct answer.

- |                                    |                                  |
|------------------------------------|----------------------------------|
| <input type="radio"/> A. Proximity | <input type="radio"/> B. Silted  |
| <input type="radio"/> C. Immense   | <input type="radio"/> D. Harness |

**Question: 66 of 150**

QID: 3100

Marks: 2

She plays better than \_\_\_\_\_ do. (Choose appropriate pronoun)

Please mark (✓) for the correct answer.

- |                              |                                 |
|------------------------------|---------------------------------|
| <input type="radio"/> A. I   | <input type="radio"/> B. My     |
| <input type="radio"/> C. May | <input type="radio"/> D. Myself |

**Question: 67 of 150**

QID: 3101

Marks: 2

I \_\_\_\_\_ in a school in Delhi since 2017. (Choose appropriate form of tense)

Please mark (✓) for the correct answer.

- |   |  |
|---|--|
| <input type="radio"/> A. has studied        | <input type="radio"/> B. has been studying |
| <input type="radio"/> C. have been studying | <input type="radio"/> D. will study        |

**Question: 68 of 150**

QID: 3102

Marks: 2

There isn't any smog in the Highlands of Scotland, \_\_\_\_\_? (Choose appropriate question tag)

Please mark (✓) for the correct answer.

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| <input type="radio"/> A. aren't it | <input type="radio"/> B. isn't it    |
| <input type="radio"/> C. is there  | <input type="radio"/> D. there isn't |

Choose the best meaning of the Idiom "to play to the gallery"

Please mark (✓) for the correct answer.

- |  |   |
|--|---|
| <input type="radio"/> A. to watch the play with interest       | <input type="radio"/> B. to enact the play in the gallery |
| <input type="radio"/> C. to endeavour to gain cheap popularity | <input type="radio"/> D. to sit comfortably               |

The speckled tortoise walks steadfastly towards his goal? (Choose the adverb)

Please mark (✓) for the correct answer.

- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| <input type="radio"/> A. speckled | <input type="radio"/> B. steadfastly |
| <input type="radio"/> C. towards  | <input type="radio"/> D. goal        |

I wrote an article for the school magazine. (Change from active to passive voice)

Please mark (✓) for the correct answer.

- |   |  |
|---|--|
| <input type="radio"/> A. An article for the school magazine I had written.  | <input type="radio"/> B. An article was written by me for the school magazine. |
| <input type="radio"/> C. I have written an article for the school magazine. | <input type="radio"/> D. The school magazine and an article I wrote for.       |

Empty vessels \_\_\_\_\_ much noise. (Select the correct form of verb)

Please mark (✓) for the correct answer.

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| <input type="radio"/> A. make      | <input type="radio"/> B. are making |
| <input type="radio"/> C. have made | <input type="radio"/> D. makes      |

Gullible (Choose the word with opposite meaning)

Please mark (✓) for the correct answer.

- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| <input type="radio"/> A. trusting | <input type="radio"/> B. cynical     |
| <input type="radio"/> C. clever   | <input type="radio"/> D. resourceful |

**Read the following passages and answer the questions that follow:**

The moon's role in causing tides is much more high and important than that of the Sun. The reason is that the moon enjoys more proximity to the earth than the sun. As such its force is greater than that of the sun in attracting the surface water. Tides are of immense importance. In trade, navigation and fishing, tides are very useful. During the high tide, the water depth near the coast goes up and helps big ships to reach the ports. Kandla port in Gujarat and Diamond Harbour in West Bengal owe their very existence to the tides only. The significance of both London and Kolkata also depends on the tides. Tides also keep the harbours clear of refuse and mud brought down by rivers and thus they do not allow the harbours to be silted. Commonly, the tidal rivers are navigable. For the purpose of generating electricity, tidal waves are harnessed. Tides do not allow the sea water to be frozen by keeping the sea water in motion. Tides are also made use by the fishermen for sailing into the sea and returning to the harbour. In countries like Canada, U.K., France and Japan, tidal power stations are set up.

**How are tides useful in cold countries?**

Please mark (✓) for the correct answer.

- ☐ A. They bring fish for eating. ☐ B. They bring water for drinking.
- ☐ C. They don't allow sea water to be frozen. ☐ D. They keep the port silted.

**Question: 75 of 150**

QID: 3098

Marks: 2

**Read the following passages and answer the questions that follow:**

The moon's role in causing tides is much more high and important than that of the Sun. The reason is that the moon enjoys more proximity to the earth than the sun. As such its force is greater than that of the sun in attracting the surface water. Tides are of immense importance. In trade, navigation and fishing, tides are very useful. During the high tide, the water depth near the coast goes up and helps big ships to reach the ports. Kandla port in Gujarat and Diamond Harbour in West Bengal owe their very existence to the tides only. The significance of both London and Kolkata also depends on the tides. Tides also keep the harbours clear of refuse and mud brought down by rivers and thus they do not allow the harbours to be silted. Commonly, the tidal rivers are navigable. For the purpose of generating electricity, tidal waves are harnessed. Tides do not allow the sea water to be frozen by keeping the sea water in motion. Tides are also made use by the fishermen for sailing into the sea and returning to the harbour. In countries like Canada, U.K., France and Japan, tidal power stations are set up.

**How can tides solve the power problem of the world?**

Please mark (✓) for the correct answer.

- ☐ A. Electricity is being produced through tidal waves. ☐ B. Tidal waves keep the streamers in motion.
- ☐ C. Tidal waves melt the ice and save power. ☐ D. None of the above.

**Question: 76 of 150**

QID: 3112

Marks: 2

Which among the following statement is incorrect about all organelles?

Please mark (✓) for the correct answer.

- ☐ A. They are found in all Eukaryotic cells. ☐ B. They are found in Multi cellular organisms only.
- ☐ C. They coordinate to produce new cell. ☐ D. They are small sized and mostly internal.

**Question: 77 of 150**

QID: 3113

Marks: 2

The boy is pulling a cart by a force of 100 N. The frictional force experienced by the cart is 20 N. The force causing the motion of the cart is :-

Please mark (✓) for the correct answer.

- ☐ A. 100 N ☐ B. 120 N  
☐ C. 80 N ☐ D. 5 N

**Question: 78 of 150**

QID: 3114

Marks: 2

The cans used for storing food are made by electroplating:-

Please mark (✓) for the correct answer.

- ☐ A. Silver onto iron ☐ B. Chromium onto iron  
☐ C. Gold onto iron ☐ D. Tin onto iron

**Question: 79 of 150**

QID: 3115

Marks: 2

The impression of an image does not vanish immediately from the retina. It persists for :-

Please mark (✓) for the correct answer.

- ☐ A.  $(1/60)^{\text{th}}$  of a second ☐ B.  $(1/12)^{\text{th}}$  of a second  
☐ C.  $(1/6)^{\text{th}}$  of a second ☐ D.  $(1/16)^{\text{th}}$  of a second

**Question: 80 of 150**

QID: 3116

Marks: 2

The Sun appears to rise in the East and set in the West because :-

Please mark (✓) for the correct answer.

- ☐ A. Earth rotates from East to West on its axis. ☐ B. Earth rotates from West to East on its axis.  
☐ C. The Sun is at the centre of the universe. ☐ D. None of these.

**Question: 81 of 150**

QID: 3117

Marks: 2

Pressure is equal to

Please mark (✓) for the correct answer.

- ☐ A. Area/ force on which it acts ☐ B. Force/ area on which it acts  
☐ C. Volume/ force on which it acts ☐ D. Force/ volume on which it acts

**Question: 82 of 150**

QID: 3118

Marks: 2

An ultrasound equipment works at a frequency

Please mark (✓) for the correct answer.

- ☐ A. Higher than 20,000 Hz
- ☐ B. Higher than 10,000 Hz
- ☐ C. Lower than 20,000 Hz
- ☐ D. Lower than 10,000 Hz

**Question: 83 of 150**

QID: 3119

Marks: 2

When electrodes are immersed in water and electricity is passed, the bubbles formed on the negative terminal is actually \_\_\_\_\_ gas.

Please mark (✓) for the correct answer.

- ☐ A. Hydrogen
- ☐ B. Carbon dioxide
- ☐ C. Oxygen
- ☐ D. Nitrogen

**Question: 84 of 150**

QID: 3120

Marks: 2

If light falls perpendicularly on a plane mirror, the angle in which light will be reflected is

Please mark (✓) for the correct answer.

- ☐ A. 45 degrees
- ☐ B. 90 degrees
- ☐ C. 180 degrees
- ☐ D. 360 degrees

**Question: 85 of 150**

QID: 3121

Marks: 2

All non-living things are known as

Please mark (✓) for the correct answer.

- ☐ A. Biotic Resource
- ☐ B. Exhaustible Resource
- ☐ C. Abiotic Resource
- ☐ D. Human Resource

**Question: 86 of 150**

QID: 3122

Marks: 2

Malarial parasite is carried by

Please mark (✓) for the correct answer.

- ☐ A. Culex mosquito
- ☐ B. Male anopheles mosquito
- ☐ C. Female anopheles mosquito
- ☐ D. Aedes mosquito

**Question: 87 of 150**

QID: 3123

Marks: 2

Internal fertilisation does not occur in

Please mark (✓) for the correct answer.

- ☐ A. Dog ☐ B. Cow
- ☐ C. Parrot ☐ D. Frog

**Question: 88 of 150**

QID: 3124

Marks: 2

Regeneration is observed in

Please mark (✓) for the correct answer.

- ☐ A. Planaria ☐ B. Spirogyra
- ☐ C. Yeast ☐ D. Amoeba

**Question: 89 of 150**

QID: 3125

Marks: 2

Rapid combustion is

Please mark (✓) for the correct answer.

- ☐ A. When gas burns, it produces heat and light ☐ B. When material suddenly bursts into flames
- ☐ C. When there is evolution of heat ☐ D. None of these

**Question: 90 of 150**

QID: 3126

Marks: 2

A student is carrying out a distillation process in a lab. Water is boiling in a distillation flask. Water that is collected in the receiver flask is refrigerated and ice cubes are formed. Ice cubes are then kept outside the refrigerator and they start melting. Arrange the following phases of water in ascending order of their total (PE + KE) energy, considering that the mass of water remains the same.

- (i) Water collected in the receiving flask  
(ii) Water boiling in the distillation flask  
(iii) Steam passing through the delivery tube  
(iv) Ice cubes formed in the refrigerator

Please mark (✓) for the correct answer.

- ☐ A. (iv), (iii), (i), (ii) ☐ B. (iv), (i), (ii), (iii)
- ☐ C. (iii), (v), (ii), (i) ☐ D. (iv), (i), (iii), (ii)

**Question: 91 of 150**

QID: 3127

Marks: 2

The different samples of  $\text{CO}_2$  were found to contain carbon and oxygen in the same ratio of their mass. This illustrates

Please mark (✓) for the correct answer.

- ☐ A. Law of conservation of mass
- ☐ B. Law of definite proportions
- ☐ C. Law of multiple proportions
- ☐ D. Law of reciprocal proportions

**Question: 92 of 150**

QID: 3128

Marks: 2

An atlas of India is drawn by taking scale  $100 \text{ cm} = 50,000 \text{ km}$ . The actual distance between the city of Bhopal and Cochin is  $1,500 \text{ km}$ , the distance between the two places in the atlas will be \_\_\_\_\_ cm.

Please mark (✓) for the correct answer.

- ☐ A. 3
- ☐ B. 1
- ☐ C. 10
- ☐ D. 2

**Question: 93 of 150**

QID: 3129

Marks: 2

Both sound and light waves can be propagated through

Please mark (✓) for the correct answer.

- ☐ A. Vacuum
- ☐ B. Air
- ☐ C. Both (a) and (b)
- ☐ D. None of the above

**Question: 94 of 150**

QID: 3130

Marks: 2

A man stands in front of a mirror and finds that his image is larger than himself. The mirror is a \_\_\_\_\_ mirror.

Please mark (✓) for the correct answer.

- ☐ A. Convex
- ☐ B. Concave
- ☐ C. Plane
- ☐ D. Both (a) and (b)

**Question: 95 of 150**

QID: 3131

Marks: 2

Each lung is enclosed in a double membrane called as pleura. The membrane which covers the surface of each lung is

Please mark (✓) for the correct answer.

- ☐ A. Visceral pleura
- ☐ B. Lung pleura
- ☐ C. Peritoneal pleura
- ☐ D. Parietal pleura

**Question: 96 of 150**

QID: 3132

Marks: 2

Nitrogenous waste products are eliminated mainly as

Please mark (✓) for the correct answer.

- ☐ A. Urea in tadpole and ammonia in adult frog
- ☐ B. Ammonia in tadpole and urea in adult frog
- ☐ C. Urea in tadpole and adult frog
- ☐ D. Urea in tadpole and uric acid in adult frog

**Question: 97 of 150**

QID: 3108

Marks: 2

The metal present in Chlorophyll is:-

Please mark (✓) for the correct answer.

- ☐ A. Iron
- ☐ B. Calcium
- ☐ C. Oxygen
- ☐ D. Magnesium

**Question: 98 of 150**

QID: 3109

Marks: 2

Name the gas present in LPG :-

Please mark (✓) for the correct answer.

- ☐ A. Hydrogen
- ☐ B. Oxygen
- ☐ C. Methane
- ☐ D. Butane

**Question: 99 of 150**

QID: 3110

Marks: 2

Which gas is used to replace CFC?

Please mark (✓) for the correct answer.

- ☐ A. HCFC
- ☐ B. RCFC
- ☐ C. DHFC
- ☐ D. HHFC

**Question: 100 of 150**

QID: 3111

Marks: 2

The first Menstrual flow at puberty is termed:-

Please mark (✓) for the correct answer.

- ☐ A. Menopause
- ☐ B. Menstruation
- ☐ C. Puberty flow
- ☐ D. Menarche

**Question: 101 of 150**

QID: 3133

Marks: 2

Who granted the East India Company the sole right to trade with the East?

Please mark (✓) for the correct answer.

- ☐ A. Robert Clive
- ☐ B. Queen Elizabeth I
- ☐ C. John Richardson
- ☐ D. Queen Elizabeth II

**Question: 102 of 150**

QID: 3134

Marks: 2

The first Indian woman to become President of the Indian National Congress was :-

Please mark (✓) for the correct answer.

- ☐ A. Sarojini Naidu
- ☐ B. Kamla Nehru
- ☐ C. Kasturba Gandhi
- ☐ D. Begum Rokeya Sakhawat Hossain

**Question: 103 of 150**

QID: 3135

Marks: 2

Land covered with grass shrubs on which animals can graze freely is known as :-

Please mark (✓) for the correct answer.

- ☐ A. Fallow Land
- ☐ B. Overgrazing
- ☐ C. Pasture
- ☐ D. Agricultural Land

**Question: 104 of 150**

QID: 3186

Marks: 2

Name of the first country in the world to develop hydroelectricity.

Please mark (✓) for the correct answer.

- ☐ A. Norway
- ☐ B. Pakistan
- ☐ C. India
- ☐ D. Switzerland

**Question: 105 of 150**

QID: 3187

Marks: 2

Breeding of fish in specially constructed tanks and ponds is known as :-

Please mark (✓) for the correct answer.

- ☐ A. Agriculture
- ☐ B. Sericulture
- ☐ C. Pisciculture
- ☐ D. Viticulture

**Question: 106 of 150**

QID: 3188

Marks: 2

Ahmedabad is referred as the \_\_\_\_\_ of India.

Please mark (✓) for the correct answer.

- ☐ A. Ruhr ☐ B. Manchester
- ☐ C. Boston ☐ D. Chicago

**Question: 107 of 150**

QID: 3189

Marks: 2

How many members are nominated by the President to the Rajya Sabha?

Please mark (✓) for the correct answer.

- ☐ A. 233 ☐ B. 12
- ☐ C. 22 ☐ D. 250

**Question: 108 of 150**

QID: 3190

Marks: 2

The Industrial Revolution started in \_\_\_\_\_ around 1750.

Please mark (✓) for the correct answer.

- ☐ A. France ☐ B. Britain
- ☐ C. Russia ☐ D. None of these

**Question: 109 of 150**

QID: 3191

Marks: 2

The British conquest of Bengal began with the Battle of

Please mark (✓) for the correct answer.

- ☐ A. Buxar ☐ B. Plassey
- ☐ C. Seringapatam ☐ D. Sariahat

**Question: 110 of 150**

QID: 3192

Marks: 2

The architect of New Delhi was \_\_\_\_\_

Please mark (✓) for the correct answer.

- ☐ A. Edwin Lutyens & H Baker ☐ B. King George V
- ☐ C. Lord Lytton ☐ D. Queen Elizabeth

**Question: 111 of 150**

QID: 3193

Marks: 2

The existence of more than one level of government is known as

Please mark (✓) for the correct answer.

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| <input type="radio"/> A. Federalism  | <input type="radio"/> B. Secularism  |
| <input type="radio"/> C. Marginalism | <input type="radio"/> D. Communalism |

**Question: 112 of 150**

QID: 3194

Marks: 2

Money Bill is introduced

Please mark (✓) for the correct answer.

- |  |  |
|--|--|
| <input type="radio"/> A. Only in Rajya Sabha | <input type="radio"/> B. Only in Lok Sabha             |
| <input type="radio"/> C. In both the Houses  | <input type="radio"/> D. By the Speaker of Rajya Sabha |

**Question: 113 of 150**

QID: 3195

Marks: 2

In which state of India is the "Jim Corbett National Park" situated?

Please mark (✓) for the correct answer.

- |                                      |  |
|--------------------------------------|--|
| <input type="radio"/> A. Uttarakhand | <input type="radio"/> B. Gujarat       |
| <input type="radio"/> C. Assam       | <input type="radio"/> D. Uttar Pradesh |

**Question: 114 of 150**

QID: 3196

Marks: 2

Which state of India is the highest producer of Jute?

Please mark (✓) for the correct answer.

- |                                |                                      |
|--------------------------------|--------------------------------------|
| <input type="radio"/> A. Assam | <input type="radio"/> B. West Bengal |
| <input type="radio"/> C. Bihar | <input type="radio"/> D. Odisha      |

**Question: 115 of 150**

QID: 3197

Marks: 2

A form of government where people enjoy equal political rights, elect their ruler and hold them accountable is known as :-

Please mark (✓) for the correct answer.

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| <input type="radio"/> A. Secular   | <input type="radio"/> B. Democratic |
| <input type="radio"/> C. Socialist | <input type="radio"/> D. Republic   |

**Question: 116 of 150**

QID: 3201

Marks: 2

These are made to protect our natural vegetation and wildlife

Please mark (✓) for the correct answer.

- ☐ A. National Park
- ☐ B. Wildlife sanctuaries
- ☐ C. Biosphere reserves
- ☐ D. All of these

**Question: 117 of 150**

QID: 3202

Marks: 2

The largest producer and exporter of mica in the world is

Please mark (✓) for the correct answer.

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

**Question: 118 of 150**

QID: 3203

Marks: 2

Resources which can be renewed or reproduced are known as

Please mark (✓) for the correct answer.

- ☐ A. Exhaustible Resources
- ☐ B. Non-renewal source
- ☐ C. Renewal source
- ☐ D. Useful Resource

**Question: 119 of 150**

QID: 3204

Marks: 2

The Act on the "Protection of Women from Domestic Violence" finally became a law in the year :-

Please mark (✓) for the correct answer.

- ☐ A. 2003
- ☐ B. 2004
- ☐ C. 2005
- ☐ D. 2006

**Question: 120 of 150**

QID: 3205

Marks: 2

Right to Information (RTI) Act guarantees people's right to

Please mark (✓) for the correct answer.

- ☐ A. Know governmental proceedings
- ☐ B. Get universal primary education
- ☐ C. Speak out their discontent freely
- ☐ D. Hold meetings and public gathering

**Question: 121 of 150**

QID: 3206

Marks: 2

At the village level, the judicial functions are performed by the

Please mark (✓) for the correct answer.

- ☐ A. Nyaya Panchayat
- ☐ B. Gram Panchayat
- ☐ C. District Judge
- ☐ D. Munsif

**Question: 122 of 150**

QID: 3207

Marks: 2

Many of India's most important mining and industrial centres are located in

Please mark (✓) for the correct answer.

- ☐ A. Jamshedpur
- ☐ B. Rourkela
- ☐ C. Bokaro
- ☐ D. All of these

**Question: 123 of 150**

QID: 3198

Marks: 2

In order to prevent religion-based exclusion and discrimination of 'lower castes', the Indian Constitution bans

Please mark (✓) for the correct answer.

- ☐ A. Untouchability
- ☐ B. Religious practices
- ☐ C. Religion
- ☐ D. Religious institutions

**Question: 124 of 150**

QID: 3199

Marks: 2

What is a major obstacle to sustainable development?

Please mark (✓) for the correct answer.

- ☐ A. Ignoring biodiversity
- ☐ B. Infinite growth
- ☐ C. Overpopulation
- ☐ D. Resource depletion

**Question: 125 of 150**

QID: 3200

Marks: 2

Of the earth's total water resources, the fresh water easily accessible for our use is

Please mark (✓) for the correct answer.

- ☐ A. More than 90%
- ☐ B. 50%
- ☐ C. 1%
- ☐ D. Less than 1%

**Question: 126 of 150**

QID: 3208

Marks: 2

**FILM : ADGH :: MILK : ?**

Please mark (✓) for the correct answer.

- ☐ A. ADGF ☐ B. HDGE  
☐ C. HDGF ☐ D. HEGF

**Question: 127 of 150**

QID: 3209

Marks: 2

**EIGHTY : GIEYTH :: OUTPUT : ?**

Please mark (✓) for the correct answer.

- ☐ A. TUOTUP ☐ B. TUOUTP  
☐ C. UTOPTU ☐ D. OUTPUT

**Question: 128 of 150**

QID: 3210

Marks: 2

**CAT is to DDY as BIG is to**

Please mark (✓) for the correct answer.

- ☐ A. CLL ☐ B. CLM  
☐ C. CML ☐ D. CEP

**Question: 129 of 150**

QID: 3211

Marks: 2

**Bag is related to Luggage in the same way as Ship is related to**

Please mark (✓) for the correct answer.

- ☐ A. Coal ☐ B. Stock  
☐ C. Cargo ☐ D. Weight

**Question: 130 of 150**

QID: 3212

Marks: 2

**Which number completes the second pair in the same way as the first pair?****3 : 243 :: 5 : ?**

Please mark (✓) for the correct answer.

- ☐ A. 425 ☐ B. 465  
☐ C. 546 ☐ D. 3125

6 : 24 :: 5 : ?

Please mark (✓) for the correct answer.

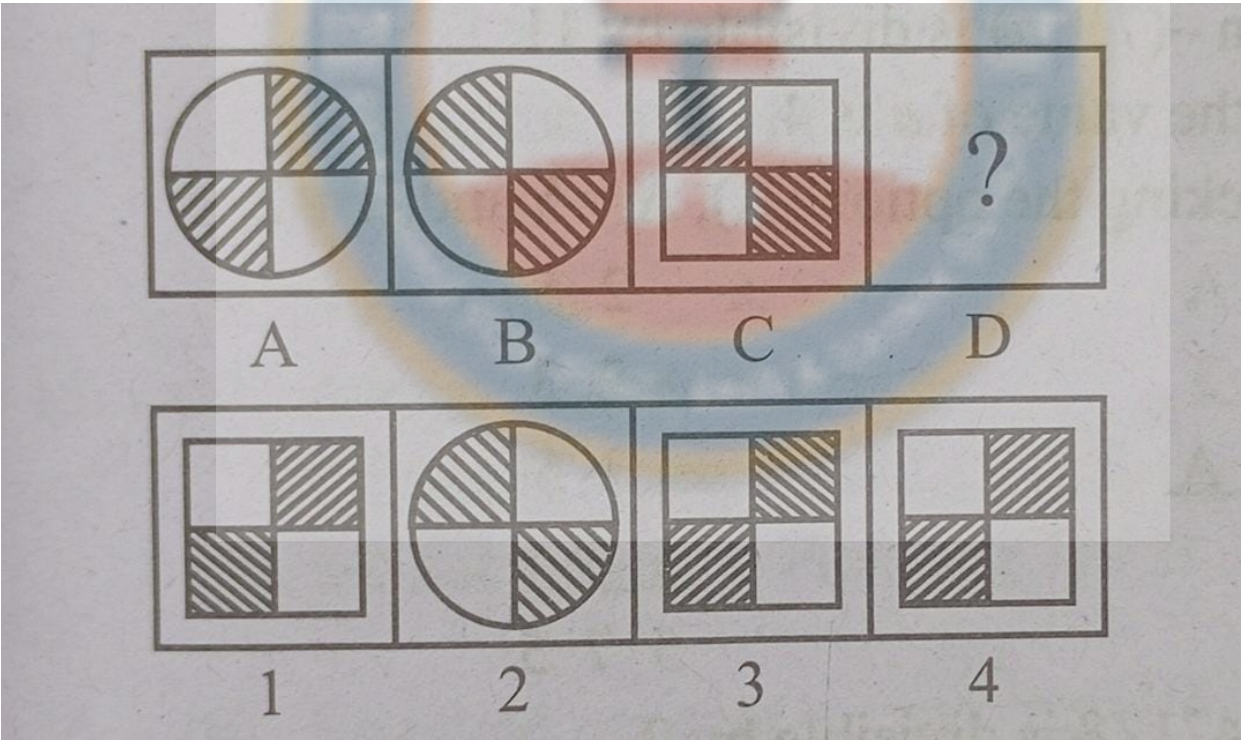
- ☐ A. 23
- ☐ B. 20
- ☐ C. 26
- ☐ D. 22

Which word can't be formed by using the letters of the word **DISTRIBUTION**?

Please mark (✓) for the correct answer.

- ☐ A. TRUST
- ☐ B. SITUATION
- ☐ C. TUITION
- ☐ D. DISTURB

Select the figure from the answer set that would come in place of the question mark (?).



Please mark (✓) for the correct answer.

- ☐ A. 1
- ☐ B. 4
- ☐ C. 3
- ☐ D. 2

If Maya is the only daughter of Richa's grandmother's brother, how is Maya's daughter related to Richa?

Please mark (✓) for the correct answer.

- ☐ A. Niece ☐ B. Cousin
- ☐ C. Aunt ☐ D. Mother

It is 3 O'clock in a watch and it is rotated by 10 degrees in a manner such that if the minute hand points towards the North-East, then the hour hand will point towards which direction?

Please mark (✓) for the correct answer.

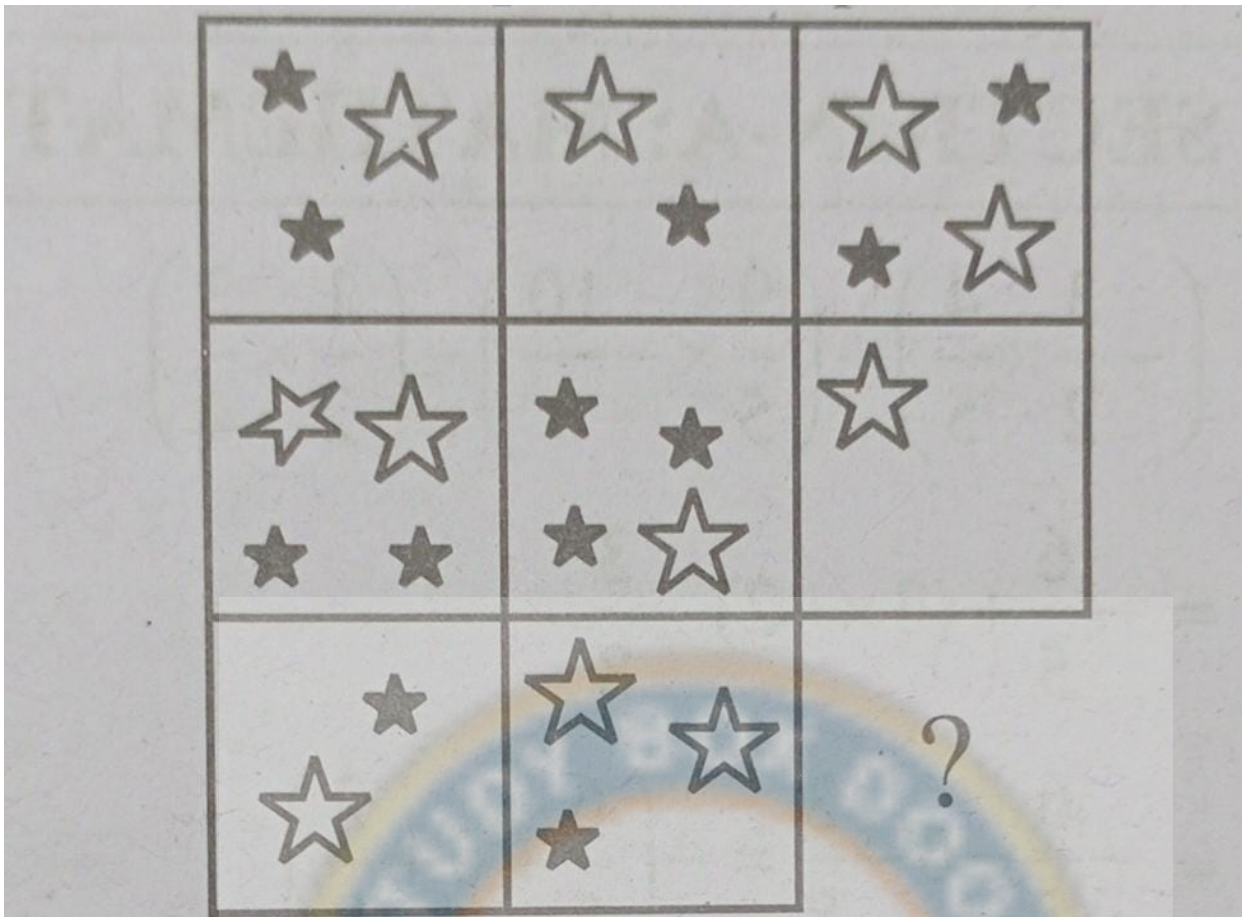
- ☐ A. South ☐ B. South-West
- ☐ C. North-West ☐ D. South-East

Which one does not belong to the group?

Please mark (✓) for the correct answer.

- ☐ A. 63 ☐ B. 65
- ☐ C. 84 ☐ D. 91

Which square should replace the question mark?



Please mark (✓) for the correct answer.

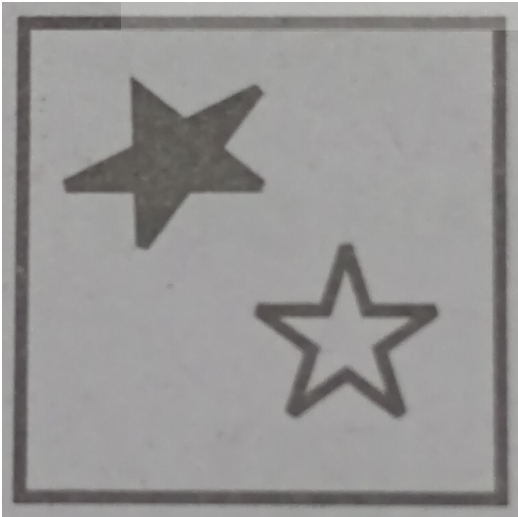
☐ A.



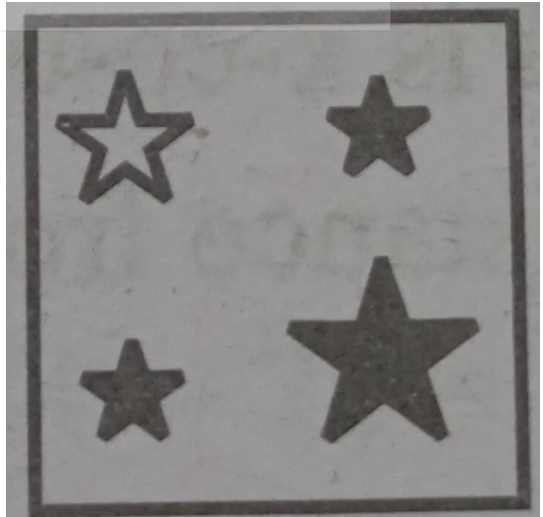
☐ B.



☐ C.



☐ D.



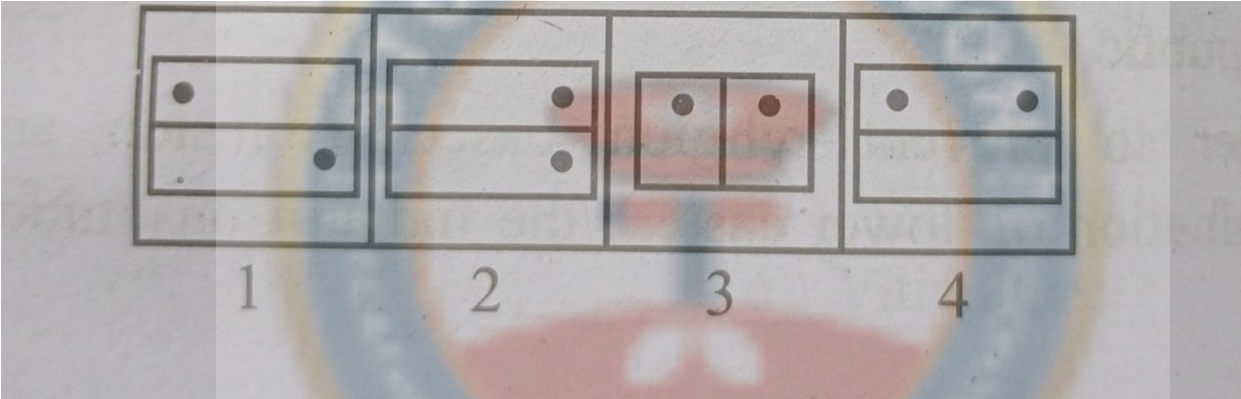
Find the missing character from among the given alternatives.

A2	C4	E6
G3	I5	?
M5	O9	Q14

Please mark (✓) for the correct answer.

- ☐ A. J15
- ☐ B. K8
- ☐ C. K15
- ☐ D. L10

Choose the figure, which is different from others.



Please mark (✓) for the correct answer.

- ☐ A. 1
- ☐ B. 2
- ☐ C. 3
- ☐ D. 4

Arrange the following words as per order in the dictionary.

1. Live
2. Litter
3. Little
4. Literacy
5. Living

Please mark (✓) for the correct answer.

- ☐ A. 3, 4, 2, 1, 5
- ☐ B. 3, 2, 4, 5, 1
- ☐ C. 4, 3, 5, 2, 1
- ☐ D. 4, 2, 3, 1, 5

## Question: 141 of 150

QID: 3217

Marks: 2

In a certain code, **TEACHER** is written as **VGCEJGT**.  
How is **CHILDREN** written in that code?

Please mark (✓) for the correct answer.

- ☐ A. EJKNEGTP ☐ B. EGKNFITP  
☐ C. EJKNFGTO ☐ D. EJKNFTGP

## Question: 142 of 150

QID: 3218

Marks: 2

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

Please mark (✓) for the correct answer.

- ☐ A. Sunday ☐ B. Monday  
☐ C. Saturday ☐ D. Tuesday

## Question: 143 of 150

QID: 3219

Marks: 2

In the following series, how many KGN occur in such a way that 'G' is in the middle and 'K' and 'N' are adjacent to it on both sides?  
**AKGLMNDQKGC SNGKTGKGNDZPUXGKE**

Please mark (✓) for the correct answer.

- ☐ A. 5 ☐ B. 6  
☐ C. 1 ☐ D. 2

## Question: 144 of 150

QID: 3226

Marks: 2

Village 'W' is 20 kms to the north of village 'X'. Village 'Y' is 18 kms to the east of village 'X'. Village 'Z' is 12 kms to the west of village 'W'.  
If Mannu starts from village 'Y' and goes to village 'Z' via village 'W', in which direction is he from his starting point?

Please mark (✓) for the correct answer.

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

## Question: 145 of 150

QID: 3227

Marks: 2

If the 7th day of a month is 3 days earlier than Friday, what day will it be on the 19th day of the month?

Please mark (✓) for the correct answer.

- ☐ A. Monday ☐ B. Sunday  
☐ C. Wednesday ☐ D. Friday

Gaurav said to Tarun, "That boy playing with the football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Gaurav?

Please mark (✓) for the correct answer.

- ☐ A. Son ☐ B. Brother  
☐ C. Cousin ☐ D. Brother-in-law

Study the following arrangement of the English alphabet and answer the question given below in question.

**F J M P O W R N B E Y C K A V L D G X U H Q I S Z T**

Which of the following pairs of letters has as many letters between them in the above arrangement as there are between them in the English alphabet?

Please mark (✓) for the correct answer.

- ☐ A. AI ☐ B. EL  
☐ C. LS ☐ D. MO

A solid cube of each side 4 cm has been painted on all faces. If it is then cut into cubical blocks each of side 2 cm. How many cubes are there in all of edge 2 cm?

Please mark (✓) for the correct answer.

- ☐ A. 2 ☐ B. 4  
☐ C. 8 ☐ D. 6

A solid cube of each side 4 cm has been painted on all faces. If it is then cut into cubical blocks each of side 2 cm. How many cubes have no face painted?

Please mark (✓) for the correct answer.

- ☐ A. 0 ☐ B. 2  
☐ C. 4 ☐ D. 8

A solid cube of each side 4 cm has been painted on all faces. If it is then cut into cubical blocks each of side 2 cm. How many cubes have only one face painted?

Please mark (✓) for the correct answer.

- ☐ A. 0 ☐ B. 2  
☐ C. 4 ☐ D. 8



## Answer Key

No	Question Type	QID	Correct Answer
Question - 1	Multiple Choice (Radiobutton)	3033	D
Question - 2	Multiple Choice (Radiobutton)	3034	C
Question - 3	Multiple Choice (Radiobutton)	3035	C
Question - 4	Multiple Choice (Radiobutton)	3036	A
Question - 5	Multiple Choice (Radiobutton)	3037	A
Question - 6	Multiple Choice (Radiobutton)	3038	C
Question - 7	Multiple Choice (Radiobutton)	3039	A
Question - 8	Multiple Choice (Radiobutton)	3040	B
Question - 9	Multiple Choice (Radiobutton)	3041	A
Question - 10	Multiple Choice (Radiobutton)	3042	C
Question - 11	Multiple Choice (Radiobutton)	3043	C
Question - 12	Multiple Choice (Radiobutton)	3044	A
Question - 13	Multiple Choice (Radiobutton)	3045	D
Question - 14	Multiple Choice (Radiobutton)	3046	A
Question - 15	Multiple Choice (Radiobutton)	3047	B
Question - 16	Multiple Choice (Radiobutton)	3048	B
Question - 17	Multiple Choice (Radiobutton)	3049	C
Question - 18	Multiple Choice (Radiobutton)	3050	A
Question - 19	Multiple Choice (Radiobutton)	3051	B
Question - 20	Multiple Choice (Radiobutton)	3052	D
Question - 21	Multiple Choice (Radiobutton)	3053	C
Question - 22	Multiple Choice (Radiobutton)	3054	D
Question - 23	Multiple Choice (Radiobutton)	3055	A
Question - 24	Multiple Choice (Radiobutton)	3056	B
Question - 25	Multiple Choice (Radiobutton)	3057	D
Question - 26	Multiple Choice (Radiobutton)	3058	A
Question - 27	Multiple Choice (Radiobutton)	3059	D
Question - 28	Multiple Choice (Radiobutton)	3060	C
Question - 29	Multiple Choice (Radiobutton)	3061	D
Question - 30	Multiple Choice (Radiobutton)	3062	B
Question - 31	Multiple Choice (Radiobutton)	3063	C
Question - 32	Multiple Choice (Radiobutton)	3064	B
Question - 33	Multiple Choice (Radiobutton)	3065	D
Question - 34	Multiple Choice (Radiobutton)	3066	B
Question - 35	Multiple Choice (Radiobutton)	3067	C
Question - 36	Multiple Choice (Radiobutton)	3068	B
Question - 37	Multiple Choice (Radiobutton)	3069	B
Question - 38	Multiple Choice (Radiobutton)	3070	D
Question - 39	Multiple Choice (Radiobutton)	3071	D
Question - 40	Multiple Choice (Radiobutton)	3072	A
Question - 41	Multiple Choice (Radiobutton)	3073	C
Question - 42	Multiple Choice (Radiobutton)	3074	D

No	Question Type	QID	Correct Answer
Question - 43	Multiple Choice (Radiobutton)	3075	A
Question - 44	Multiple Choice (Radiobutton)	3076	D
Question - 45	Multiple Choice (Radiobutton)	3077	A
Question - 46	Multiple Choice (Radiobutton)	3078	A
Question - 47	Multiple Choice (Radiobutton)	3079	A
Question - 48	Multiple Choice (Radiobutton)	3080	D
Question - 49	Multiple Choice (Radiobutton)	3081	D
Question - 50	Multiple Choice (Radiobutton)	3082	A
Question - 51	Multiple Choice (Radiobutton)	3083	C
Question - 52	Multiple Choice (Radiobutton)	3084	B
Question - 53	Multiple Choice (Radiobutton)	3085	A
Question - 54	Multiple Choice (Radiobutton)	3086	C
Question - 55	Multiple Choice (Radiobutton)	3087	A
Question - 56	Multiple Choice (Radiobutton)	3088	C
Question - 57	Multiple Choice (Radiobutton)	3089	A
Question - 58	Multiple Choice (Radiobutton)	3090	A
Question - 59	Multiple Choice (Radiobutton)	3091	A
Question - 60	Multiple Choice (Radiobutton)	3092	C
Question - 61	Multiple Choice (Radiobutton)	3093	B
Question - 62	Multiple Choice (Radiobutton)	3094	B
Question - 63	Multiple Choice (Radiobutton)	3095	A
Question - 64	Multiple Choice (Radiobutton)	3096	B
Question - 65	Multiple Choice (Radiobutton)	3099	D
Question - 66	Multiple Choice (Radiobutton)	3100	A
Question - 67	Multiple Choice (Radiobutton)	3101	C
Question - 68	Multiple Choice (Radiobutton)	3102	C
Question - 69	Multiple Choice (Radiobutton)	3103	C
Question - 70	Multiple Choice (Radiobutton)	3104	B
Question - 71	Multiple Choice (Radiobutton)	3105	B
Question - 72	Multiple Choice (Radiobutton)	3106	A
Question - 73	Multiple Choice (Radiobutton)	3107	B
Question - 74	Multiple Choice (Radiobutton)	3097	C
Question - 75	Multiple Choice (Radiobutton)	3098	A
Question - 76	Multiple Choice (Radiobutton)	3112	C
Question - 77	Multiple Choice (Radiobutton)	3113	C
Question - 78	Multiple Choice (Radiobutton)	3114	D
Question - 79	Multiple Choice (Radiobutton)	3115	D
Question - 80	Multiple Choice (Radiobutton)	3116	B
Question - 81	Multiple Choice (Radiobutton)	3117	B
Question - 82	Multiple Choice (Radiobutton)	3118	A
Question - 83	Multiple Choice (Radiobutton)	3119	A
Question - 84	Multiple Choice (Radiobutton)	3120	B
Question - 85	Multiple Choice (Radiobutton)	3121	C
Question - 86	Multiple Choice (Radiobutton)	3122	C
Question - 87	Multiple Choice (Radiobutton)	3123	D
Question - 88	Multiple Choice (Radiobutton)	3124	A

No	Question Type	QID	Correct Answer
Question - 89	Multiple Choice (Radiobutton)	3125	A
Question - 90	Multiple Choice (Radiobutton)	3126	B
Question - 91	Multiple Choice (Radiobutton)	3127	B
Question - 92	Multiple Choice (Radiobutton)	3128	A
Question - 93	Multiple Choice (Radiobutton)	3129	D
Question - 94	Multiple Choice (Radiobutton)	3130	B
Question - 95	Multiple Choice (Radiobutton)	3131	A
Question - 96	Multiple Choice (Radiobutton)	3132	B
Question - 97	Multiple Choice (Radiobutton)	3108	D
Question - 98	Multiple Choice (Radiobutton)	3109	D
Question - 99	Multiple Choice (Radiobutton)	3110	A
Question - 100	Multiple Choice (Radiobutton)	3111	D
Question - 101	Multiple Choice (Radiobutton)	3133	B
Question - 102	Multiple Choice (Radiobutton)	3134	A
Question - 103	Multiple Choice (Radiobutton)	3135	C
Question - 104	Multiple Choice (Radiobutton)	3186	A
Question - 105	Multiple Choice (Radiobutton)	3187	C
Question - 106	Multiple Choice (Radiobutton)	3188	B
Question - 107	Multiple Choice (Radiobutton)	3189	B
Question - 108	Multiple Choice (Radiobutton)	3190	B
Question - 109	Multiple Choice (Radiobutton)	3191	B
Question - 110	Multiple Choice (Radiobutton)	3192	A
Question - 111	Multiple Choice (Radiobutton)	3193	A
Question - 112	Multiple Choice (Radiobutton)	3194	A
Question - 113	Multiple Choice (Radiobutton)	3195	A
Question - 114	Multiple Choice (Radiobutton)	3196	B
Question - 115	Multiple Choice (Radiobutton)	3197	B
Question - 116	Multiple Choice (Radiobutton)	3201	D
Question - 117	Multiple Choice (Radiobutton)	3202	B
Question - 118	Multiple Choice (Radiobutton)	3203	C
Question - 119	Multiple Choice (Radiobutton)	3204	C
Question - 120	Multiple Choice (Radiobutton)	3205	A
Question - 121	Multiple Choice (Radiobutton)	3206	B
Question - 122	Multiple Choice (Radiobutton)	3207	D
Question - 123	Multiple Choice (Radiobutton)	3198	A
Question - 124	Multiple Choice (Radiobutton)	3199	D
Question - 125	Multiple Choice (Radiobutton)	3200	D
Question - 126	Multiple Choice (Radiobutton)	3208	C
Question - 127	Multiple Choice (Radiobutton)	3209	A
Question - 128	Multiple Choice (Radiobutton)	3210	C
Question - 129	Multiple Choice (Radiobutton)	3211	C
Question - 130	Multiple Choice (Radiobutton)	3212	D
Question - 131	Multiple Choice (Radiobutton)	3213	B
Question - 132	Multiple Choice (Radiobutton)	3220	B
Question - 133	Multiple Choice (Radiobutton)	3221	A
Question - 134	Multiple Choice (Radiobutton)	3222	B
Question - 135	Multiple Choice (Radiobutton)	3223	D

No	Question Type	QID	Correct Answer
Question - 136	Multiple Choice (Radiobutton)	3224	B
Question - 137	Multiple Choice (Radiobutton)	3225	D
Question - 138	Multiple Choice (Radiobutton)	3214	B
Question - 139	Multiple Choice (Radiobutton)	3215	D
Question - 140	Multiple Choice (Radiobutton)	3216	D
Question - 141	Multiple Choice (Radiobutton)	3217	D
Question - 142	Multiple Choice (Radiobutton)	3218	A
Question - 143	Multiple Choice (Radiobutton)	3219	D
Question - 144	Multiple Choice (Radiobutton)	3226	A
Question - 145	Multiple Choice (Radiobutton)	3227	B
Question - 146	Multiple Choice (Radiobutton)	3228	B
Question - 147	Multiple Choice (Radiobutton)	3229	D
Question - 148	Multiple Choice (Radiobutton)	3230	C
Question - 149	Multiple Choice (Radiobutton)	3231	A
Question - 150	Multiple Choice (Radiobutton)	3232	A

--- END OF ANSWER KEY ---