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Exam Instructions

1. This mock test is based on the latest AISSEE Class 9 exam pattern.
2. The paper consists of 150 questions for a total of 400 marks.

- Mathematics: 50 Questions – 200 Marks
- Intelligence: 25 Questions – 50 Marks
- English: 25 Questions – 50 Marks
- General Science: 25 Questions – 50 Marks
- Social Science: 25 Questions – 50 Marks

3. Time Duration: 3 Hours (180 minutes)
4. Negative marking: There is no negative marking.

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Find the sum of $3.\overline{2}$ and 5 .4

Please mark (✓) for the correct answer.

A. $\dfrac{78}{3}$

B. $\dfrac{58}{3}$

C. $\dfrac{58}{9}$

D. $\dfrac{78}{9}$

What should be added to $-\dfrac{7}{3}$ to get $\dfrac{3}{7}$?

Please mark (✓) for the correct answer.

A. $\dfrac{21}{58}$

B. $\dfrac{58}{21}$

C. $\dfrac{47}{21}$

D. $\dfrac{50}{21}$

The difference between two whole numbers is 66. The ratio of the two numbers is 5 : 2. The two numbers are

Please mark (✓) for the correct answer.

A. 60 and 6   B. 100 and 33

C. 110 and 44   D. 99 and 33

If angle *A* and angle *C* are two opposite angles of a parallelogram, them

Please mark (✓) for the correct answer.

A. angle A > angle C   B. angle A = angle C

C. angle A < angle C   D. none of these

The lengths of the diagonals of a rhombus are 16cm and 12 cm respectively. Find the length of each of its sides.

Please mark (✓) for the correct answer.

A. 30 cm   B. 10 cm

C. 20 cm   D. 28 cm

If the mean of the following data is 8, then find the value of x:
2,4,8,6,x,5

Please mark (✓) for the correct answer.

A. 17   B. 23

C. 48   D. 25

Data collected in a survey shows that 40% of the buyers are intersted in buying a particular brand of toothpaste. The central angle (in degrees) of the sector of the pie chart representing this information is

Please mark (✓) for the correct answer.

A. 120   B. 150

C. 144   D. 40

The monthly salary of a person is ₹ 15,000. The central angle of the sector representing his expense on food and house rent on a pie chart is 60° . The amount he spends on food and house rent is

Please mark (✓) for the correct answer.

○ **A.** ₹ 5,000   ○ **B.** ₹ 2,500

○ **C.** ₹ 6,000   ○ **D.** ₹ 9,000

The mid value of a class interval is called its

Please mark (✓) for the correct answer.

○ **A.** class limit   ○ **B.** class mark

○ **C.** width   ○ **D.** range

If the mode of a distribution is 12 and the mean is 3, then the median is

Please mark (✓) for the correct answer.

○ **A.** 8   ○ **B.** 36

○ **C.** 4   ○ **D.** 6

The sqaure root of 0.00000121 is

Please mark (✓) for the correct answer.

○ **A.** 0.011   ○ **B.** 0.00011

○ **C.** 0.0011   ○ **D.** 0.11

Which least number should be subtracted from 108245 so as to get a perfect square?

Please mark (✓) for the correct answer.

○ **A.** 3   ○ **B.** 4

○ **C.** 5   ○ **D.** 6

4

Find the one's digit of the cube root of 6,859.

Please mark (✓) for the correct answer.

A. 2

B. 3

C. 9

D. 1

The smallest natural number by which 1296 must be divided to get a perfect cube is

Please mark (✓) for the correct answer.

A. 16

B. 6

C. 60

D. 26

72% of 25 students aree good in Mathematics. How many are not good in Mathematics ?

Please mark (✓) for the correct answer.

A. 18

B. 7

C. 15

D. 9

I purchased 1 dozen pencils at the rate of 5 paise per pencil. For how much should I sell a pencil to make 20% profit?

Please mark (✓) for the correct answer.

A. 4 paise

B. 10 paise

C. 6 paise

D. 8 paise

A sum amounts to ₹ 4,410 after two years at 5% compound interest per annum. What is the principal ?

Please mark (✓) for the correct answer.

A. ₹ 8,000

B. ₹ 4,100

C. ₹ 4,000

D. ₹ 4,200

What will you get when you subtract 3x - 4y - 7z from the sum of x - 3y + 2z and -4x + 9y - 11z ?

Please mark (✓) for the correct answer.

A.　-6x + 10y - 2z

B.　6x + 10y - 2z

C.　-6x - 10y - 2z

D.　-6x + 10y + 2z

Find the remainder when $5x^2$ - 4x + 3 is divided by (x - 2)

Please mark (✓) for the correct answer.

A.　14

B.　15

C.　18

D.　12

If $x - \dfrac{1}{x} = 3$, then the value of $x^4 + \dfrac{1}{x^4}$ is

Please mark (✓) for the correct answer.

A.　194

B.　119

C.　114

D.　116

The area of the square having diagonal of length 'd' is given by

Please mark (✓) for the correct answer.

A.　_

B.　$\dfrac{d^2}{2}$

C.　$\dfrac{d^2}{4}$

D.　2d

The perimeter of a circle having area 154 sq.cm is

Please mark (✓) for the correct answer.

A.　22 cm

B.　44 cm

C.　88 cm

D.　66 cm

Find the area of a rhombus having perimeter 80 cm and one diagonal 24 cm.

Please mark (✓) for the correct answer.

- A.   354 sq.cm.
- B.   364 sq.cm.
- C.   384 sq.cm.
- D.   480 sq.cm.

What is the ratio of the volume of a cyclinder and that of a cone on the same base and of the same height?

Please mark (✓) for the correct answer.

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

If the height and the radius of a cone are doubled, the volume of the cone becomes

Please mark (✓) for the correct answer.

- A.   2 times
- B.   4 times
- C.   6 times
- D.   8 times

The total surface area of the hemisphere of volume 19404 cu.cm is

Please mark (✓) for the correct answer.

- A.   4158 sq. cm.
- B.   2772 sq. cm.
- C.   5544 sq. cm.
- D.   4258 sq. cm.

The value of $125^{-\frac{1}{3}}$ is

Please mark (✓) for the correct answer.

- A. $\dfrac{1}{3}$
- B. $\dfrac{1}{5}$
- C.   3
- D.   5

The value of $(64^{\frac{2}{3}})^{\frac{1}{3}}$ is

Please mark (✓) for the correct answer.

A. 5

B. 4

C. 3

D. 8

The additive identify for integers is

Please mark (✓) for the correct answer.

A. 0

B. 1

C. -1

D. does not exist

Associative property of multiplication of integars

Please mark (✓) for the correct answer.

A. exists

B. does not exist

C. holds without 0

D. none of these

If *ABC* is an equilateral triangle of side a, then its altitude is equal to

Please mark (✓) for the correct answer.

A. $\dfrac{\sqrt{3}}{4}a$

B. $\dfrac{\sqrt{3}}{2}a$

C. $\sqrt{3a}$

D. $\dfrac{\sqrt{3}}{5}a$

What is the number of possible outcomes in throwing two dice simultaneously?

Please mark (✓) for the correct answer.

A. 6

B. 12

C. 36

D. 4

Two coins are tossed simultaneously. The probability of getting at most one head is

Please mark (✓) for the correct answer.

A. $\dfrac{1}{2}$

B. $\dfrac{3}{4}$

C. $\dfrac{2}{3}$

D. 1

There is food provision for 100 men for 30 days. If the number of men is reduced to 80, then the number of days the food could last for is

Please mark (✓) for the correct answer.

A. 28

B. 35

C. $37\dfrac{1}{2}$

D. 37

A vertical pole 14 m high casts a shadow of 10 m. What will be height of a tree that casts a shadow of 15 m under similar conditions?

Please mark (✓) for the correct answer.

A. 15 m

B. 20 m

C. 21 m

D. 24 m

If 15 workers can build a wall in 48 hours, how many workers will be required to do the same work in 30 hours?

Please mark (✓) for the correct answer.

A. 15

B. 14

C. 24

D. 30

If $a + b + c = 5$ and $ab + bc + ca = 10$. then $a^3 + b^3 + c^3 - 3abc$ is

Please mark (✓) for the correct answer.

A. - 25

B. 25

C. - 50

D. - 75

If $\dfrac{a}{b} - \dfrac{b}{a} = 2$, then $a^3 - b^3 =$

Please mark (✓) for the correct answer.

A.   1

B.   - 1

C.   0

D.   2

Factorisation of $3\sqrt{3x^3} - 8$ is

Please mark (✓) for the correct answer.

A. $(\sqrt{3x} - 2)(3x^2 + 2\sqrt{3x} + 4)$

B. $(\sqrt{3x} + 2)(3x^2 + 2\sqrt{3x} + 4)$

C. $(\sqrt{3x} - 2)(3x^2 + 2\sqrt{3x} + 8)$

D. $(\sqrt{3x} - 2)(3x^2 - 2\sqrt{3x} + 4)$

At what distance does the point (12, 5) lie from the origin?

Please mark (✓) for the correct answer.

A.   17

B.   7

C.   13

D.   60

A can do a work in 25 days and *B* can do the same work in 20 days. If they work together for 5 days then *A* leaves, in how many days can *B* finish the remaining work?

Please mark (✓) for the correct answer.

A.   10

B.   11

C.   12

D.   14

The difference of a two-digit number and the number obtained by reversing the digits is a always a multiple of

Please mark (✓) for the correct answer.

A.   11

B.   9

C.   7

D.   10

In a triangle, if two of the angles are complementary, then the measure of the third angle is

Please mark (✓) for the correct answer.

○ **A.** 40%

○ **B.** 45%

○ **C.** 75%

○ **D.** 90%

If the exterior angle of a triangle is 60° and the interior opposite angles are in the ratio 1 : 3, then the angles of the triangle are

Please mark (✓) for the correct answer.

○ **A.** 15° , 45° , 110°

○ **B.** 120° , 10° , 50°

○ **C.** 120° , 45° , 15°

○ **D.** 60° , 90° , 30°

If a transversal intersects two parallel lines, then the consecutive interior angles on the same siide of the transversal are

Please mark (✓) for the correct answer.

○ **A.** complementary

○ **B.** supplementary

○ **C.** equal

○ **D.** none of these

Line *l* is perpendicular to line *m* is perpendicular to line *n*.Then the lines *l* and *n* are

Please mark (✓) for the correct answer.

○ **A.** parallel to each other

○ **B.** perpendicular to each other

○ **C.** intersecting

○ **D.** none of the above

What is the alternative name of a pie chart ?

Please mark (✓) for the correct answer.

○ **A.** pietograph

○ **B.** histograph

○ **C.** circle chart

○ **D.** none of these

A bicycle wheel makes 1000 revolutions in moving 2km. Find the diameter of the wheel

Please mark (✓) for the correct answer.

○ **A.** 1.57 m   ○ **B.** 1.27 m

○ **C.** 6.036 m   ○ **D.** 0.636 m

For what value of m

$xy^2 m = (2xy + 5y)^2 - (2xy - 5y)^2$

Please mark (✓) for the correct answer.

○ **A.** - 100   ○ **B.** 100

○ **C.** 40   ○ **D.** - 4

If one of the number of a Pythagorean triplet is 10, the triplet is:

Please mark (✓) for the correct answer.

○ **A.** (23 , 25, 10)   ○ **B.** (10, 24, 26)

○ **C.** (5 , 8, 10)   ○ **D.** (3, 4, 10)

Read the following passage and answer the following question (Q. 64- 71) by choosing the most appropriate option.

Marie Curie

Marie Curie grew up in Warsaw, Poland where she was born on November 7, 1867. Her parents were both teachers. The child of two teachers, Marie, was taught to read and write early in life. She was a very bright child and did well in school. She had a sharp memory and worked hard on her studies. As Marie grew older, her family came upon tough times. Poland was under the control of Russia at that time. People were not even allowed to read or write anyting in the Polish language. Her father lost his job because he was in favour of Polish rule. Marie lost her elder sister and mother to typhus and tuberculosis respectively. After graduating from high school, Marie wanted to attend a university , but this wasn't something that young women did in Poland during the years covering the period 1800 - 1900. The university was for men. However, there was famous university in Paris, France called the Sorbonne that women could attend. Marie did not have the money to go there, but agreed to work to help pay for her sister Bronislawa to go to school in France, if she would help Marie after she graduated. It took six years, but, after Bronislawa graduated and became a doctor, Marie moved to ffrance and entered the Sorbonne. Marie arrived in france in 1891. Marie lived the life of a poor collegee student, but she loved every minute of it. She was leaning so much. After three years she earned her degree in Physics.

A lot of emphasis was laid on Marie's education because

Please mark (✓) for the correct answer.

○ **A.** Marie was the sole earning member of the family   ○ **B.** Marie was born into a family of teachers

○ **C.** education of girls was very important in Poland   ○ **D.** she was the only member of the family who could read

Which of the following statements about the passage is **not** true?

Please mark (✓) for the correct answer.

- **A.** Marie's elder sister died of tuberculosis and mother of typhus
- **B.** Marie's father was a patriotic man
- **C.** Marie passed out of the University of Sorbonne
- **D.** The Polish universities discriminated against girls

Marie thoroughly enjoyed the university years

Please mark (✓) for the correct answer.

- **A.** while her sister worked hard to pay the fees
- **B.** although she did not want to study medicine
- **C.** despite living on meagre funds
- **D.** but was denied the university degree

Choose the correct spelling

Please mark (✓) for the correct answer.

- **A.** Benevolent
- **B.** Benovalent
- **C.** Benovolent
- **D.** Benovelent

The correct synonym of the word Zenith is

Please mark (✓) for the correct answer.

- **A.** Infinite
- **B.** Bottom
- **C.** Pinnacle
- **D.** Medium

The room was filled by the wizard's shrieks of <u>fiendish</u> laughter. (Select the correct antonym of the underlined word)

Please mark (✓) for the correct answer.

- **A.** cunning
- **B.** vicious
- **C.** loud
- **D.** pleasant

I am doing hardwork to got to the college of my choice. (Identify the incorrect part of the sentence)

Please mark (✓) for the correct answer.

A.   I am

B.   doing hardwork

C.   to get to

D.   the college of my choice

She speaks_____all of us when she says that we are grateful for your kindness. (Choose the most appropriate preposition)

Please mark (✓) for the correct answer.

A.   about

B.   to

C.   for

D.   of

Between his cat and his dog, his cat is_____more loyal of the two. (Choose the correct answer)

Please mark (✓) for the correct answer.

A.   a

B.   an

C.   the

D.   no article

After the school was dismissed, she said with pretended casualness that she wanted to go and meet the new teacher. (Identify the type of verb)

Please mark (✓) for the correct answer.

A.   Intransitive verb

B.   Participle

C.   Transitive verb

D.   Infinitive

You _____an accident if you go on driving like that (Choose the most appropriate option)

Please mark (✓) for the correct answer.

A.   should have

B.   will have

C.   have had

D.   are having

"Would you like some tea of coffee?" the assistant asked me. (Choose the correct reported form of the sentence)

Please mark (✓) for the correct answer.

○ **A.** The assistant asked me whether I would like some tea or coffee

○ **B.** The assistant asked me whether would I like some tea or coffee

○ **C.** The assistant asked me would I like some tea or coffee

○ **D.** The assistant asked me if I would like some tea or coffee

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Someone has lit the fire. (Choose the correct passive form of his sentence)

Please mark (✓) for the correct answer.

○ **A.** you are requested to light the fire by someone

○ **B.** The fire has been lit by someone

○ **C.** The fire had been lit by someone

○ **D.** The fire has lit by someone

Weather forecasts aren't very reliable and_____

Please mark (✓) for the correct answer.

○ **A.** nor should be

○ **B.** not ought to be

○ **C.** nor will

○ **D.** never will be

The princess was very generous. Everyone liked her for her_____innocence. (Choose the most appropriate word)

Please mark (✓) for the correct answer.

○ **A.** childish

○ **B.** childhood

○ **C.** childlike

○ **D.** child

Neither of the girls_____to collect their certificates (Choose the correct answer)

Please mark (✓) for the correct answer.

○ **A.** have come

○ **B.** has come

○ **C.** are coming

○ **D.** has came

Rearrange the following words/phrases to make a meaningful sentence.Choose the correct sequence.
into the water/ everyone crowded/ to see / jump / around / him
 (A)   (B)   (C)   (D)   (E)   (F)

Please mark (✓) for the correct answer.

○ **A.** ABCDEF   ○ **B.** ABCFDE

○ **C.** BEFCDA   ○ **D.** BECFDA

Rearrange the following word/phrases to make a meaningful sentence. Choose the correct sequence.
cold / a / it was / beautiful / day
(A)   (B)   (C)   (D)   (E)

Please mark (✓) for the correct answer.

○ **A.** CBDAE   ○ **B.** DCBAE

○ **C.** CBEDA   ○ **D.** CDABE

Answer by choosing the most appropriate option:
"To tie yourself in knots' means

Please mark (✓) for the correct answer.

○ **A.** to get into trouble   ○ **B.** to get confused

○ **C.** to lie   ○ **D.** to get stuck between strangers

The price of this mobile phone is higher than yours.
(Choose the edited form of the underlined words from the options given)

Please mark (✓) for the correct answer.

○ **A.** are higher than yours   ○ **B.** is higher than you

○ **C.** is higher than yourself   ○ **D.** is higher than that of yours

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The young teacher was brimming with confidence. (Identify the adjective in this sentence)

Please mark (✓) for the correct answer.

○ **A.** young   ○ **B.** teacher

○ **C.** was brimming   ○ **D.** confidence

I need to check_____I have brought my umbrella. (Choose the correct conjunction)

Please mark (✓) for the correct answer.

○ **A.** provided

○ **B.** whether

○ **C.** lest

○ **D.** untill

She has now organised her documents in property labelled files. (Change to passive voice)

Please mark (✓) for the correct answer.

○ **A.** her documents were now being organised in properly labelled files

○ **B.** She had organised her documents then in properly labelled files

○ **C.** her documents have now been organised in properly labelled files

○ **D.** her documents had been orgainsed then in properly labelled files

It is late and_____to get any sleep, I must go.

Please mark (✓) for the correct answer.

○ **A.** if I am

○ **B.** unless I am going

○ **C.** if I am not

○ **D.** should I

He acted_____at the dinner table.

Please mark (✓) for the correct answer.

○ **A.** seldom

○ **B.** lately

○ **C.** clumsily

○ **D.** hardly

Naphthalene balls used to repel moths and insects are derived from

Please mark (✓) for the correct answer.

○ **A.** Petroleum

○ **B.** Sugar

○ **C.** Coal tar

○ **D.** LPG

The slow process of conversion of dead vegetation into coal is called

Please mark (✓) for the correct answer.

○ **A.** Decomposition

○ **B.** Evolution

○ **C.** Carbonification

○ **D.** Carbonization

Which amongst the following is a petroleum product which can be used for metalling of roads?

Please mark (✓) for the correct answer.

○ **A.** coke

○ **B.** bitumen

○ **C.** coal tar

○ **D.** coal

A person suffering from_____should always cover his mouth and nose with a handkerchief while sneezing

Please mark (✓) for the correct answer.

○ **A.** common cold

○ **B.** cancer

○ **C.** coal tar

○ **D.** coal

Which of these traps air the most?

Please mark (✓) for the correct answer.

○ **A.** nylon

○ **B.** cotton

○ **C.** wool

○ **D.** malaria

Which non-metal is highly reactive and is used in making matchsticks?

Please mark (✓) for the correct answer.

○ **A.** phosphorus

○ **B.** sulphur

○ **C.** carbon

○ **D.** none of these

What is the product formed when a metal reacts with water?

Please mark (✓) for the correct answer.

- A. metal oxide
- B. metal hydroxide
- C. salt
- D. acid

Which of the following pairs of organelles does not contain DNA?

Please mark (✓) for the correct answer.

- A. Mitochondria and Lysosomes
- B. Chloroplast and Vacuoles
- C. Lysosomes and Vacuoles
- D. Nuclear envelope and Mitochondria

Which of the following features helps in distinguishing a plant cell from an animal cell?

Please mark (✓) for the correct answer.

- A. cell wall
- B. cell membrane
- C. mitochondria
- D. nucleus

A set of terms pertaining to reproduction are given below.
Choose the set that has an *incorrect* combination

Please mark (✓) for the correct answer.

- A. sperms, testis, sperm duct, penis
- B. menstruation, egg, oviduct, uterus
- C. sperm, oviduct, egg, uterus
- D. ovulation, egg, oviduct, uterus

The larva of frog changes its form by a sudden and drastic process called

Please mark (✓) for the correct answer.

- A. embryogenesis
- B. hatching
- C. layering
- D. metamorphosis

Cloning is similar to which of the following modes of reproduction?

Please mark (✓) for the correct answer.

○ **A.** sexual reproduction

○ **B.** cyst formation

○ **C.** asexual reproduction

○ **D.** both sexual and asexual reproduction

Which of the following correctly represents the value for the normal atmospheric pressure?

Please mark (✓) for the correct answer.

○ **A.** 75.3 kilopascals

○ **B.** 76 mm of mercury

○ **C.** 101325 pascals

○ **D.** 76 cm of mercury

Loudness of sound is proportional to

Please mark (✓) for the correct answer.

○ **A.** square of the amplitude

○ **B.** amplitude

○ **C.** square of frequency

○ **D.** frequency

A man stands 10 m in front of a large plane mirror. How far must he walk before he 5 m away from his image?

Please mark (✓) for the correct answer.

○ **A.** 5 m

○ **B.** 7.5 m

○ **C.** 10 m

○ **D.** 12.5 m

Which of the following metals is used in electroplating to make metal objects appear shining on car surfaces?

Please mark (✓) for the correct answer.

○ **A.** iron

○ **B.** copper

○ **C.** chromium

○ **D.** aluminium

What are the two gases mainly responsible for acid rain?

Please mark (✓) for the correct answer.

○ **A.** silphur dioxide and nitrogen dioxide   ○ **B.** carbon dioxide and silphur dioxide

○ **C.** nitrogen dioxide and carbon dioxide   ○ **D.** carbon dioxide and CFC

The process of conversion of sugar into alcohol is called

Please mark (✓) for the correct answer.

○ **A.** fixation   ○ **B.** moulding

○ **C.** fermentation   ○ **D.** degradation

Identify the correctly matched pair from the following:

Please mark (✓) for the correct answer.

○ **A.** Sunderban - Rhino   ○ **B.** Ranthambore - Lion

○ **C.** Gir - Lion   ○ **D.** Kaziranga -Sea Turtle

" Water harvesting' means

Please mark (✓) for the correct answer.

○ **A.** collection of water from rivers   ○ **B.** harvesting of water from tubewells

○ **C.** collection of rainwaterin in storage tanks   ○ **D.** collecting water from oceans

The process of zinc lamination (coating) on iron is called

Please mark (✓) for the correct answer.

○ **A.** ionization   ○ **B.** electrolysis

○ **C.** galvanization   ○ **D.** none of these

Conditions for good electroplating are

Please mark (✓) for the correct answer.

- **A.** high current density
- **B.** low temperature
- **C.** high concentration of metal in electrolyte
- **D.** all of these

Electroplating is the application of

Please mark (✓) for the correct answer.

- **A.** hydrolysis
- **B.** electrolysis
- **C.** crystallization
- **D.** recrystallization

An earthquake measuring 6 on the Richter scale is more powerful than another of magnitude 4 by

Please mark (✓) for the correct answer.

- **A.** 3/2 times
- **B.** 100 times
- **C.** 2/3 times
- **D.** 10 times

Rabi crops are

Please mark (✓) for the correct answer.

- **A.** sown in winter and harvested in summer
- **B.** sown during rainy season and harvested in winter
- **C.** sown in summer and harvested in winter
- **D.** sown in rainy season and harvested in summer

Which of the following is not a Fundamental Right?

Please mark (✓) for the correct answer.

- **A.** right to work
- **B.** right to freedom of religion
- **C.** right to property
- **D.** right to protection of forest and wildlife

Dikus are

Please mark (✓) for the correct answer.

○ **A.** outsiders

○ **B.** insiders

○ **C.** children

○ **D.** senior citizens

29th March 1857 is a significant date because

Please mark (✓) for the correct answer.

○ **A.** mangal pandey was hanged to death

○ **B.** mangal pandey was sent to prison

○ **C.** mangal pandey fled prison

○ **D.** mangal pandey killed his officers

Which of the following is not categorised under the Himalayan earthquakes?

Please mark (✓) for the correct answer.

○ **A.** uttarkashi earthquake

○ **B.** kangra earthquake

○ **C.** bhuj earthquake

○ **D.** delhi earthquake

_____a great scholar of Sanskirt, felt that Hinduism was oppressive towards women

Please mark (✓) for the correct answer.

○ **A.** sri narayan guru

○ **B.** raja ram mohan roy

○ **C.** M .G. Ranade

○ **D.** pandita ramabai

Burning of fossil fuels

Please mark (✓) for the correct answer.

○ **A.** cause global warming

○ **B.** reduces global warming

○ **C.** releases oxygen

○ **D.** none of these

Which incident in the history of the Indian freedom Movement made Tagore angry and made him renounce his Knighthood?

Please mark (✓) for the correct answer.

○ **A.** partition of bengal   ○ **B.** jallianwala bagh massacre

○ **C.** simon commission   ○ **D.** morley-minto reforms

Where did Gandhiji launch the Mill-Workers' Strike of 1918?

Please mark (✓) for the correct answer.

○ **A.** south africa   ○ **B.** kheda

○ **C.** andaman and nicobar islands   ○ **D.** delhi

Which of the following was termed as "devilish and tyrannical" by Gandhiji and Jinnah?

Please mark (✓) for the correct answer.

○ **A.** ilbert bill   ○ **B.** jallianwala bagh massacre

○ **C.** rowlatt act   ○ **D.** government of india act, 1921

The supreme court of the india has laid down specific requirements and procedures that the police and others agencies have to follow for the arrest, detention and interrogation of any person. These guidelines are also known as

Please mark (✓) for the correct answer.

○ **A.** M.M Basu guidelines   ○ **B.** D.K Basu guidelines

○ **C.** Procedural guidelines   ○ **D.** rules of procedure for arrest guidelines

Name the indian revolutionary who threw a bomb in the central legisllative assembly on 8th April,, 1929

Please mark (✓) for the correct answer.

○ **A.** subhash chandra bose   ○ **B.** bal gangadhar tilk

○ **C.** bhagat singh   ○ **D.** chandrashekhar azad

Who is the founder of the Khudai Khidmatgars, a powerful non-violent movement among the pathans?

Please mark (✓) for the correct answer.

○ **A.** khan abdul ghaffar khan   ○ **B.** mohammed ali jinnah

○ **C.** maulana azad   ○ **D.** none of these

Question: 113 of 150   QID: 1395   Marks: 2

What is the meaning of the Japanese term "Tsunami"?

Please mark (✓) for the correct answer.

○ **A.** ocean wave   ○ **B.** tidal wave

○ **C.** current wave   ○ **D.** harbour wave

Question: 114 of 150   QID: 1396   Marks: 2

Air pressure_____as the height increases

Please mark (✓) for the correct answer.

○ **A.** increases   ○ **B.** decreases

○ **C.** first increases and the decreases ○ **D.** remains constant

---

Question: 115 of 150   QID: 1397   Marks: 2

Viticulture is the cultivation of

Please mark (✓) for the correct answer.

○ **A.** grapes   ○ **B.** fish

○ **C.** silkwarms   ○ **D.** apples

Question: 116 of 150   QID: 1398   Marks: 2

 A motion of no-confidence against the government can be intoduced in the_____

Please mark (✓) for the correct answer.

○ **A.** rajya sabha   ○ **B.** lok sabha

○ **C.** (both (a) and (b)   ○ **D.** neither (a) nor (b)

QID: 1399

Marks: 2

Ministry of Human Resources Development was created in

Please mark (✓) for the correct answer.

A. 1951

B. 1953

C. 1985

D. 1987

QID: 1400

Marks: 2

Who were the European artissts appointed by Muhammad Ali Khan of Arcot?

Please mark (✓) for the correct answer.

A. Tilly Kettle and George Willison

B. Francis Hayaman and Willian Daniell

C. Thomas Daniell and Willian Daniell

D. Joham Zoffany and Tilly Kettle

QID: 1401

Marks: 2

The temperature grasslands of South Africa are called the_____

Please mark (✓) for the correct answer.

A. velds

B. downs

C. prairies

D. pampas

QID: 1402

Marks: 2

Thinnest layer of the earth is_____

Please mark (✓) for the correct answer.

A. crust

B. mantle

C. core

D. none of these

QID: 1403

Marks: 2

Which of the following is an example of non-metallic mineral?

Please mark (✓) for the correct answer.

A. bauxite

B. manganese

C. lead

D. mica

Tech emperor who ascended the throne at 13 years of age was_____

Please mark (✓) for the correct answer.

- A. shah jahan
- B. akbar
- C. humayun
- D. jehangir

The number of seats reserved for Scheduled Tribes in the Lok Sabha is

Please mark (✓) for the correct answer.

- A. 35
- B. 37
- C. 79
- D. 47

What is reffered to as the supreme law of land?

Please mark (✓) for the correct answer.

- A. parliament
- B. president
- C. constitution
- D. assembly

The breaking up and decaying of exposed rocks, by temperature changes, frost action, plants, animals and human activity is called

Please mark (✓) for the correct answer.

- A. climate change
- B. breaking
- C. weathering
- D. decay

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

Please mark (✓) for the correct answer.

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

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

Please mark (✓) for the correct answer.

○ **A.** 145
○ **B.** 132
○ **C.** 113
○ **D.** 101

'Tiger' is related to 'Cub' in the same way as 'Elephant' is related to_____
Tiger : Cub : : Elephant :?

Please mark (✓) for the correct answer.

○ **A.** chick
○ **B.** hatching
○ **C.** joey
○ **D.** calf

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

Please mark (✓) for the correct answer.

○ **A.** Saturday
○ **B.** Monday
○ **C.** Thursday
○ **D.** Friday

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

Please mark (✓) for the correct answer.

○ **A.** 150 degrees
○ **B.** 120 degrees
○ **C.** 115 degrees
○ **D.** 95 degrees

From his house, Ramesh goes 15km 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?

Please mark (✓) for the correct answer.

○ **A.** north - west
○ **B.** north - east
○ **C.** south - east
○ **D.** south - west

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.

Please mark (✓) for the correct answer.

A.   41

B.   33

C.   31

D.   32

Find the fourth propotional of 4, 5 and 16.

Please mark (✓) for the correct answer.

A.   25

B.   16

C.   30

D.   20

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

Please mark (✓) for the correct answer.

A.   tennis

B.   gymnastics

C.   badminton

D.   wrestling

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

Please mark (✓) for the correct answer.

A.   south - west

B.   south

C.   west

D.   north

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?

Please mark (✓) for the correct answer.

A.   B

B.   E

C.   A

D.   C

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.

Please mark (✓) for the correct answer.

A. PAMPER   B. REPEAT

C. PATITION   D. PARROT

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

Please mark (✓) for the correct answer.

A. KQNN   B. DWFU

C. EVHS   D. HSKP

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?

Please mark (✓) for the correct answer.

A. Ashok   B. Umesh

C. Sameer   D. Amar

Insert the missing number:

Please mark (✓) for the correct answer.

A. 11   B. 27

C. 18   D. 22

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

Please mark (✓) for the correct answer.

A. 1728   B. 1700

C. 1600   D. 1723

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

Please mark (✓) for the correct answer.

○ **A.** FUBN

○ **B.** UFNB

○ **C.** BNFU

○ **D.** BNDS

Arrange the following words as per order in the dictionary :
1. Quilt   2. Quite
3. Queen   4. Queue

Please mark (✓) for the correct answer.

○ **A.** 1,4,2,3

○ **B.** 4,3,1,2

○ **C.** 2,3,4,1

○ **D.** 3,4,1,2

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

Please mark (✓) for the correct answer.

○ **A.** TEEIENMRTR

○ **B.** TNEMERITER

○ **C.** EMENTRETIR

○ **D.** ERITEREMTN

Complete the series :
3,10,101,?

Please mark (✓) for the correct answer.

○ **A.** 10101

○ **B.** 10201

○ **C.** 10202

○ **D.** 11012

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

Please mark (✓) for the correct answer.

○ **A.** damodar

○ **B.** bhagirathi

○ **C.** yamuna

○ **D.** sone

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

Please mark (✓) for the correct answer.

○ **A.** 119

○ **B.** 120

○ **C.** 170

○ **D.** 190

Fill with a suitable word.
Quarantined : Separted : : Radical :?

Please mark (✓) for the correct answer.

○ **A.** unfriendly

○ **B.** bad

○ **C.** fundamental

○ **D.** dreary

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

Please mark (✓) for the correct answer.

○ **A.** 1008

○ **B.** 840

○ **C.** 504

○ **D.** 672

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

Please mark (✓) for the correct answer.

○ **A.** 21st

○ **B.** 24th

○ **C.** 25th

○ **D.** 27th

--- END OF QUESTION PAPER ---

Answer Key

No	Question Type	QID	Correct Answer
Question - 1	Multiple Choice (Radiobutton)	1283	D
Question - 2	Multiple Choice (Radiobutton)	1284	B
Question - 3	Multiple Choice (Radiobutton)	1285	C
Question - 4	Multiple Choice (Radiobutton)	1286	B
Question - 5	Multiple Choice (Radiobutton)	1287	B
Question - 6	Multiple Choice (Radiobutton)	1288	B
Question - 7	Multiple Choice (Radiobutton)	1289	C
Question - 8	Multiple Choice (Radiobutton)	1290	B
Question - 9	Multiple Choice (Radiobutton)	1291	B
Question - 10	Multiple Choice (Radiobutton)	1292	D
Question - 11	Multiple Choice (Radiobutton)	1293	C
Question - 12	Multiple Choice (Radiobutton)	1294	B
Question - 13	Multiple Choice (Radiobutton)	1295	C
Question - 14	Multiple Choice (Radiobutton)	1296	B
Question - 15	Multiple Choice (Radiobutton)	1297	B
Question - 16	Multiple Choice (Radiobutton)	1298	C
Question - 17	Multiple Choice (Radiobutton)	1299	C
Question - 18	Multiple Choice (Radiobutton)	1300	A
Question - 19	Multiple Choice (Radiobutton)	1301	B
Question - 20	Multiple Choice (Radiobutton)	1302	B
Question - 21	Multiple Choice (Radiobutton)	1303	B
Question - 22	Multiple Choice (Radiobutton)	1304	B
Question - 23	Multiple Choice (Radiobutton)	1305	C
Question - 24	Multiple Choice (Radiobutton)	1306	D
Question - 25	Multiple Choice (Radiobutton)	1307	D
Question - 26	Multiple Choice (Radiobutton)	1308	A
Question - 27	Multiple Choice (Radiobutton)	1309	B
Question - 28	Multiple Choice (Radiobutton)	1310	B
Question - 29	Multiple Choice (Radiobutton)	1311	A
Question - 30	Multiple Choice (Radiobutton)	1312	A
Question - 31	Multiple Choice (Radiobutton)	1313	B
Question - 32	Multiple Choice (Radiobutton)	1314	C
Question - 33	Multiple Choice (Radiobutton)	1315	B
Question - 34	Multiple Choice (Radiobutton)	1316	C
Question - 35	Multiple Choice (Radiobutton)	1317	C
Question - 36	Multiple Choice (Radiobutton)	1318	C
Question - 37	Multiple Choice (Radiobutton)	1319	A
Question - 38	Multiple Choice (Radiobutton)	1320	C
Question - 39	Multiple Choice (Radiobutton)	1321	A
Question - 40	Multiple Choice (Radiobutton)	1322	C
Question - 41	Multiple Choice (Radiobutton)	1323	B
Question - 42	Multiple Choice (Radiobutton)	1324	B

No	Question Type	QID	Correct Answer
Question - 43	Multiple Choice (Radiobutton)	1325	D
Question - 44	Multiple Choice (Radiobutton)	1326	C
Question - 45	Multiple Choice (Radiobutton)	1327	B
Question - 46	Multiple Choice (Radiobutton)	1328	A
Question - 47	Multiple Choice (Radiobutton)	1329	C
Question - 48	Multiple Choice (Radiobutton)	1330	D
Question - 49	Multiple Choice (Radiobutton)	1331	C
Question - 50	Multiple Choice (Radiobutton)	1332	B
Question - 51	Multiple Choice (Radiobutton)	1333	B
Question - 52	Multiple Choice (Radiobutton)	1334	A
Question - 53	Multiple Choice (Radiobutton)	1335	C
Question - 54	Multiple Choice (Radiobutton)	1336	A
Question - 55	Multiple Choice (Radiobutton)	1337	C
Question - 56	Multiple Choice (Radiobutton)	1338	D
Question - 57	Multiple Choice (Radiobutton)	1339	C
Question - 58	Multiple Choice (Radiobutton)	1340	C
Question - 59	Multiple Choice (Radiobutton)	1341	C
Question - 60	Multiple Choice (Radiobutton)	1342	B
Question - 61	Multiple Choice (Radiobutton)	1343	B
Question - 62	Multiple Choice (Radiobutton)	1344	D
Question - 63	Multiple Choice (Radiobutton)	1345	B
Question - 64	Multiple Choice (Radiobutton)	1346	D
Question - 65	Multiple Choice (Radiobutton)	1347	C
Question - 66	Multiple Choice (Radiobutton)	1348	B
Question - 67	Multiple Choice (Radiobutton)	1349	D
Question - 68	Multiple Choice (Radiobutton)	1350	A
Question - 69	Multiple Choice (Radiobutton)	1351	B
Question - 70	Multiple Choice (Radiobutton)	1352	D
Question - 71	Multiple Choice (Radiobutton)	1353	A
Question - 72	Multiple Choice (Radiobutton)	1354	B
Question - 73	Multiple Choice (Radiobutton)	1355	C
Question - 74	Multiple Choice (Radiobutton)	1356	A
Question - 75	Multiple Choice (Radiobutton)	1357	C
Question - 76	Multiple Choice (Radiobutton)	1358	C
Question - 77	Multiple Choice (Radiobutton)	1359	D
Question - 78	Multiple Choice (Radiobutton)	1360	B
Question - 79	Multiple Choice (Radiobutton)	1361	A
Question - 80	Multiple Choice (Radiobutton)	1362	C
Question - 81	Multiple Choice (Radiobutton)	1363	A
Question - 82	Multiple Choice (Radiobutton)	1364	A
Question - 83	Multiple Choice (Radiobutton)	1365	C
Question - 84	Multiple Choice (Radiobutton)	1366	A
Question - 85	Multiple Choice (Radiobutton)	1367	C
Question - 86	Multiple Choice (Radiobutton)	1368	D
Question - 87	Multiple Choice (Radiobutton)	1369	C
Question - 88	Multiple Choice (Radiobutton)	1370	D

No	Question Type	QID	Correct Answer
Question - 89	Multiple Choice (Radiobutton)	1371	A
Question - 90	Multiple Choice (Radiobutton)	1372	B
Question - 91	Multiple Choice (Radiobutton)	1373	C
Question - 92	Multiple Choice (Radiobutton)	1374	A
Question - 93	Multiple Choice (Radiobutton)	1375	C
Question - 94	Multiple Choice (Radiobutton)	1376	C
Question - 95	Multiple Choice (Radiobutton)	1377	C
Question - 96	Multiple Choice (Radiobutton)	1378	C
Question - 97	Multiple Choice (Radiobutton)	1379	D
Question - 98	Multiple Choice (Radiobutton)	1380	B
Question - 99	Multiple Choice (Radiobutton)	1381	B
Question - 100	Multiple Choice (Radiobutton)	1382	A
Question - 101	Multiple Choice (Radiobutton)	1383	C
Question - 102	Multiple Choice (Radiobutton)	1384	A
Question - 103	Multiple Choice (Radiobutton)	1385	D
Question - 104	Multiple Choice (Radiobutton)	1386	C
Question - 105	Multiple Choice (Radiobutton)	1387	D
Question - 106	Multiple Choice (Radiobutton)	1388	A
Question - 107	Multiple Choice (Radiobutton)	1389	B
Question - 108	Multiple Choice (Radiobutton)	1390	B
Question - 109	Multiple Choice (Radiobutton)	1391	C
Question - 110	Multiple Choice (Radiobutton)	1392	B
Question - 111	Multiple Choice (Radiobutton)	1393	C
Question - 112	Multiple Choice (Radiobutton)	1394	A
Question - 113	Multiple Choice (Radiobutton)	1395	D
Question - 114	Multiple Choice (Radiobutton)	1396	B
Question - 115	Multiple Choice (Radiobutton)	1397	A
Question - 116	Multiple Choice (Radiobutton)	1398	B
Question - 117	Multiple Choice (Radiobutton)	1399	C
Question - 118	Multiple Choice (Radiobutton)	1400	A
Question - 119	Multiple Choice (Radiobutton)	1401	A
Question - 120	Multiple Choice (Radiobutton)	1402	A
Question - 121	Multiple Choice (Radiobutton)	1403	D
Question - 122	Multiple Choice (Radiobutton)	1404	B
Question - 123	Multiple Choice (Radiobutton)	1405	D
Question - 124	Multiple Choice (Radiobutton)	1406	C
Question - 125	Multiple Choice (Radiobutton)	1407	C
Question - 126	Multiple Choice (Radiobutton)	1410	D
Question - 127	Multiple Choice (Radiobutton)	1411	A
Question - 128	Multiple Choice (Radiobutton)	1412	D
Question - 129	Multiple Choice (Radiobutton)	1413	C
Question - 130	Multiple Choice (Radiobutton)	1414	D
Question - 131	Multiple Choice (Radiobutton)	1415	B
Question - 132	Multiple Choice (Radiobutton)	1416	C
Question - 133	Multiple Choice (Radiobutton)	1417	D
Question - 134	Multiple Choice (Radiobutton)	1418	D
Question - 135	Multiple Choice (Radiobutton)	1419	D

No	Question Type	QID	Correct Answer
Question - 136	Multiple Choice (Radiobutton)	1420	B
Question - 137	Multiple Choice (Radiobutton)	1421	D
Question - 138	Multiple Choice (Radiobutton)	1422	A
Question - 139	Multiple Choice (Radiobutton)	1423	A
Question - 140	Multiple Choice (Radiobutton)	1424	B
Question - 141	Multiple Choice (Radiobutton)	1425	A
Question - 142	Multiple Choice (Radiobutton)	1426	C
Question - 143	Multiple Choice (Radiobutton)	1427	D
Question - 144	Multiple Choice (Radiobutton)	1428	A
Question - 145	Multiple Choice (Radiobutton)	1429	C
Question - 146	Multiple Choice (Radiobutton)	1430	B
Question - 147	Multiple Choice (Radiobutton)	1431	A
Question - 148	Multiple Choice (Radiobutton)	1432	A
Question - 149	Multiple Choice (Radiobutton)	1408	B
Question - 150	Multiple Choice (Radiobutton)	1409	B

--- END OF ANSWER KEY ---