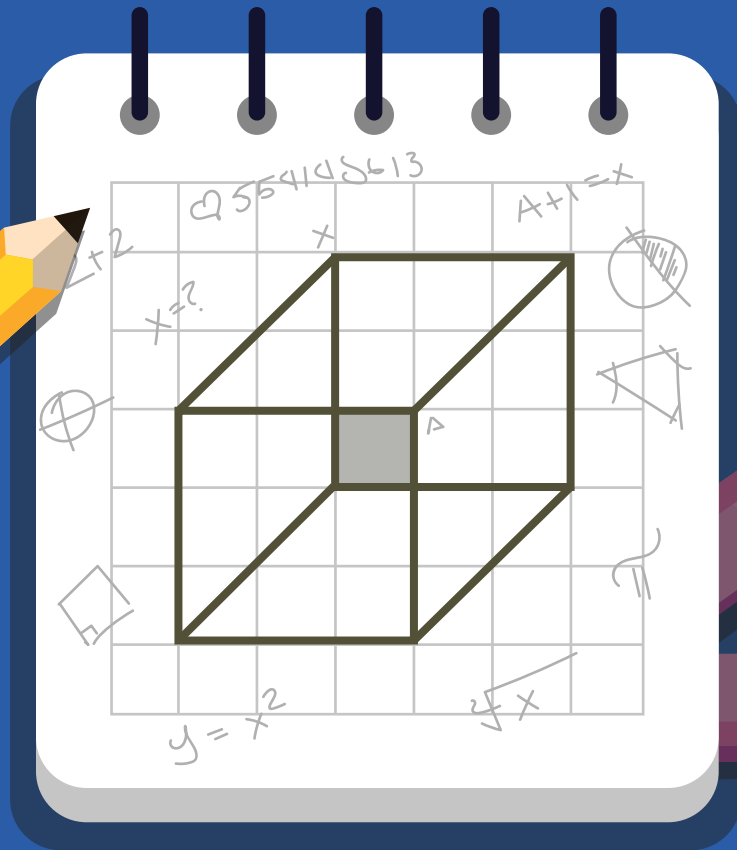
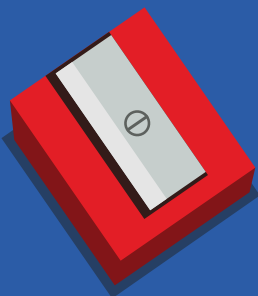
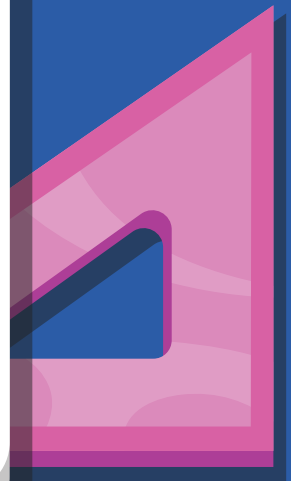
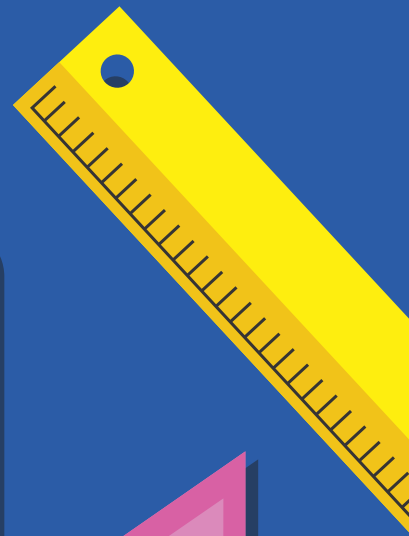
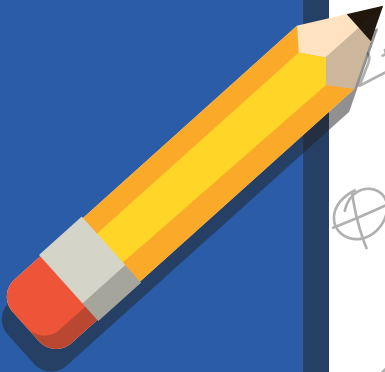




MATHS QUIZ 2025



Grade 07-08



www.theeducateelevatehub.com



+92 300 1556991



Q. 1 What is the reciprocal of $\frac{2}{5}$?

- | | |
|------------------|------------------|
| A. $\frac{5}{2}$ | B. $\frac{2}{5}$ |
| C. $\frac{1}{5}$ | D. $\frac{5}{1}$ |

Q. 2 What is the square root of 196?

- | | |
|-------|-------|
| A. 12 | B. 13 |
| C. 14 | D. 15 |

Q. 3 A solid figure with no faces, edges, or vertices is a:

- | | |
|---------|-------------|
| A. Cube | B. Cylinder |
| C. Cone | D. Sphere |

Q. 4 Solve the inequality: $3x - 7 > 8$

- | | |
|------------|------------|
| A. $x > 5$ | B. $x > 6$ |
| C. $x > 7$ | D. $x > 8$ |

Q. 5 Which is a natural number?

- | | |
|------|-------|
| A. 0 | B. -1 |
| C. 5 | D. -3 |

Q. 6 Which fraction is equivalent to $\frac{2}{8}$?

- | | |
|------------------|------------------|
| A. $\frac{1}{8}$ | B. $\frac{1}{2}$ |
| C. $\frac{1}{4}$ | D. $\frac{1}{6}$ |

Q. 7 Which fraction equals 0.5?

- | | |
|------------------|------------------|
| A. $\frac{1}{2}$ | B. $\frac{2}{3}$ |
| C. $\frac{3}{4}$ | D. $\frac{1}{3}$ |

Q. 8 The sum of angles in a pentagon is:

- | | |
|----------------|----------------|
| A. 360° | B. 540° |
| C. 720° | D. 900° |

Q. 9 Which decimal is greatest?

- | | |
|---------|---------|
| A. 0.25 | B. 0.75 |
| C. 1 | D. 0.5 |

Q. 10 A die is rolled. What is the probability of getting a number greater than 4?

- | | |
|------------------|------------------|
| A. $\frac{1}{6}$ | B. $\frac{1}{2}$ |
| C. $\frac{1}{3}$ | D. $\frac{5}{6}$ |

Q. 11 Which number is divisible by 9?

- | | |
|-------|-------|
| A. 32 | B. 42 |
| C. 45 | D. 52 |



Q. 12 A triangle with one obtuse angle is called:

- | | |
|---------------------------|-------------------------|
| A. Acute triangle | B. Right triangle |
| C. Obtuse triangle | D. Equilateral triangle |

Q. 13 Which is the largest unit of length?

- | | |
|---------------------|---------------|
| A. Metre | B. Centimetre |
| C. Kilometre | D. Millimetre |

Q. 14 The sum of the digits in 245 is:

- | | |
|--------------|-------|
| A. 11 | B. 12 |
| C. 13 | D. 10 |

Q. 15 Which decimal is smallest?

- | | |
|----------------|---------|
| A. 0.5 | B. 0.75 |
| C. 0.25 | D. 1 |

Q. 16 Which fraction is smallest?

- | | |
|------------------|------------------------------------|
| A. $\frac{1}{3}$ | B. $\frac{1}{4}$ |
| C. $\frac{1}{2}$ | D. $\frac{3}{4}$ |

Q. 17 Simplify: $4x - 2 + 3x + 5$

- | | |
|-------------|-------------------------------|
| A. $6x + 6$ | B. $7x + 3$ |
| C. $8x + 2$ | D. $7x - 2$ |

Q. 18 If $2x = 18$, what is the value of x ?

- | | |
|-------------|-------|
| A. 7 | B. 8 |
| C. 9 | D. 10 |

Q. 19 Which term means "same shape but different size"?

- | | |
|--------------|-------------------|
| A. Equal | B. Similar |
| C. Congruent | D. Identical |

Q. 20 A number ending in zero is always divisible by:

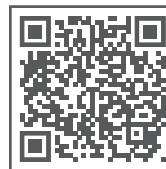
- | | |
|--------------|------|
| A. 2 | B. 5 |
| C. 10 | D. 3 |

Q. 21 Calculate the compound interest on Rs. 1000 at 10% per annum for 2 years

- | | |
|--------|---------------|
| A. 100 | B. 210 |
| C. 200 | D. 220 |

Q. 22 A bag has 2 red and 3 blue balls. What is the probability of picking a red ball?

- | | |
|------------------|------------------------------------|
| A. $\frac{1}{3}$ | B. $\frac{2}{5}$ |
| C. $\frac{3}{5}$ | D. $\frac{1}{2}$ |



Q. 23 What is the perimeter of a square with side 7 cm?

- A. 28 cm
C. 14 cm

- B. 21 cm
D. 35 cm

Q. 24 What is the value of $2^3 \times 3^2$?

- A. 18
C. 72

- B. 24
D. 81

Q. 25 What is the largest 3-digit number?

- A. 100
C. 9999

- B. 1000
D. 999

Q. 26 What is the LCM of 12 and 18?

- A. 24
C. 36

- B. 30
D. 42

Q. 27 A polygon with 8 sides is called:

- A. Septagon
C. Hexagon

- B. Octagon
D. Pentagon

Q. 28 What is the smallest prime number greater than 10?

- A. 11
C. 13

- B. 12
D. 17

Q. 29 A number that can be written as a fraction is called:

- A. Irrational
C. Prime

- B. Rational
D. Composite

Q. 30 The number which when added to itself gives double the number is an example of:

- A. Multiplication
C. Subtraction

- B. Addition
D. Division

Q. 31 What is the sum of interior angles of a quadrilateral?

- A. 270°
C. 180°

- B. 360°
D. 300°

Q. 32 Which fraction is equivalent to $\frac{3}{5}$?

- A. $\frac{6}{12}$
C. $\frac{9}{15}$

- B. $\frac{7}{12}$
D. $\frac{8}{14}$

Q. 33 What is the Roman numeral for 100?

- A. L
C. D

- B. C
D. M



Q. 34 How many degrees are in a right angle?

- | | |
|---------------|----------------|
| A. 45° | B. 120° |
| C. 90° | D. 180° |

Q. 35 What is the probability of tossing a head with a fair coin?

- | | |
|------------------|------------------|
| A. $\frac{1}{4}$ | B. $\frac{1}{2}$ |
| C. $\frac{3}{4}$ | D. 1 |

Q. 36 Which is a negative integer?

- | | |
|------|-------|
| A. 0 | B. -5 |
| C. 2 | D. 1 |

Q. 37 Which number is a perfect square?

- | | |
|-------|-------|
| A. 18 | B. 20 |
| C. 25 | D. 27 |

Q. 38 What is the Roman numeral for 500?

- | | |
|------|------|
| A. L | B. C |
| C. D | D. M |

Q. 39 Which shape is not a polygon?

- | | |
|-----------|-------------|
| A. Square | B. Hexagon |
| C. Oval | D. Triangle |

Q. 40 A shopkeeper sold a shirt for Rs. 600 at a profit of Rs. 100. What was the cost price?

- | | |
|--------|--------|
| A. 450 | B. 500 |
| C. 550 | D. 520 |

Q. 41 Which 3D shape has only one face?

- | | |
|---------|-------------|
| A. Cube | B. Sphere |
| C. Cone | D. Cylinder |

Q. 42 The longest chord of a circle is the:

- | | |
|------------------|-------------|
| A. Radius | B. Diameter |
| C. Circumference | D. Arc |

Q. 43 If the radius of a circle is 7 cm, what is its circumference? (Use $\pi = \frac{22}{7}$)

- | | |
|----------|----------|
| A. 40 cm | B. 42 cm |
| C. 44 cm | D. 46 cm |

Q. 44 Calculate the simple interest on Rs. 1000 at 5% per annum for 2 years

- | | |
|--------|--------|
| A. 50 | B. 100 |
| C. 150 | D. 200 |



Q. 45 The result of dividing one number by another is called:

- | | |
|--------------|--------------------|
| A. Remainder | B. Quotient |
| C. Product | D. Factor |

Q. 46 The sum of 90° and 90° is:

- | | |
|----------------|----------------------------------|
| A. 100° | B. 180° |
| C. 270° | D. 360° |

Q. 47 Which number is odd?

- | | |
|-------|--------------|
| A. 24 | B. 31 |
| C. 40 | D. 64 |

Q. 48 What is the area of a rectangle 15×8 ?

- | | |
|---------------|--------|
| A. 110 | B. 115 |
| C. 120 | D. 125 |

Q. 49 Which point lies on the line $y = 2x$?

- | | |
|-----------|------------------|
| A. (2, 3) | B. (3, 6) |
| C. (1, 3) | D. (2, 5) |

Q. 50 What is the perimeter of a triangle with sides 4, 5, and 6?

- | | |
|--------------|-------|
| A. 12 | B. 13 |
| C. 15 | D. 16 |

Q. 51 What is the square of 12?

- | | |
|---------------|--------|
| A. 122 | B. 112 |
| C. 144 | D. 124 |

Q. 52 The diagonals of a square are always:

- | | |
|-------------|------------------|
| A. Unequal | B. Equal |
| C. Parallel | D. Same as sides |

Q. 53 What is the square root of 81?

- | | |
|-------|-------------|
| A. 8 | B. 9 |
| C. 10 | D. 7 |

Q. 54 What is the median of 5, 7, 9, 11, 13?

- | | |
|-------|-------------|
| A. 7 | B. 9 |
| C. 11 | D. 10 |

Q. 55 A 3D shape with no edges but one curved surface is a:

- | | |
|-------------|------------------|
| A. Cube | B. Sphere |
| C. Cylinder | D. Cone |



Q. 56 The distance between two points is called:

- | | |
|-----------|------------------|
| A. Radius | B. Length |
| C. Width | D. Height |

Q. 57 What is the value of 7×0 ?

- | | |
|-------------|-------|
| A. 7 | B. 1 |
| C. 0 | D. 70 |

Q. 58 Convert 0.25 into a fraction

- | | |
|------------------|------------------------------------|
| A. $\frac{1}{2}$ | B. $\frac{1}{4}$ |
| C. $\frac{1}{5}$ | D. $\frac{3}{10}$ |

Q. 59 Which fraction is greatest?

- | | |
|------------------------------------|------------------|
| A. $\frac{2}{3}$ | B. $\frac{3}{4}$ |
| C. $\frac{4}{5}$ | D. $\frac{1}{2}$ |

Q. 60 A quadrilateral with opposite sides parallel is a:

- | | |
|--------------|-------------------------|
| A. Trapezium | B. Parallelogram |
| C. Kite | D. Pentagon |

Q. 61 Which is a proper fraction?

- | | |
|------------------|------------------------------------|
| A. $\frac{5}{2}$ | B. $\frac{3}{4}$ |
| C. $\frac{4}{4}$ | D. $\frac{7}{3}$ |

Q. 62 How many sides does a heptagon have?

- | | |
|-------------|------|
| A. 7 | B. 6 |
| C. 8 | D. 9 |

Q. 63 What is the sum of 0.4 and 0.6?

- | | |
|--------|-------------|
| A. 0.9 | B. 1 |
| C. 1.1 | D. 0.8 |

Q. 64 Solve: $x/4 = 9$

- | | |
|--------------|-------|
| A. 32 | B. 34 |
| C. 36 | D. 38 |

Q. 65 A car travels 120 km in 2 hours. What is its speed?

- | | |
|------------|-------------------|
| A. 50 km/h | B. 60 km/h |
| C. 65 km/h | D. 70 km/h |

Q. 66 Which decimal is greatest?

- | | |
|---------------|---------|
| A. 0.75 | B. 0.7 |
| C. 0.8 | D. 0.79 |



Q. 67 What is the area of a square with side 5 cm?

A. 10 cm^2

B. 25 cm^2

C. 20 cm^2

D. 15 cm^2

Q. 68 How many sides does a nonagon have?

A. 8

B. 7

C. 9

D. 10

Q. 69 Simplify: $\frac{1}{2} + \frac{3}{4}$

A. 1

B. 1.1

C. 1.25

D. 1.3

Q. 70 The middle value in a set of ordered numbers is called:

A. Mean

B. Mode

C. Median

D. Range

Q. 71 Which shape has two pairs of parallel sides and all sides equal?

A. Rectangle

B. Rhombus

C. Trapezium

D. Kite

Q. 72 Which is an odd multiple of 3?

A. 6

B. 12

C. 15

D. 18

Q. 73 The place value of 4 in 4,528 is:

A. 40

B. 400

C. 4000

D. 4

Q. 74 The sum of angles in a hexagon is:

A. 360°

B. 720°

C. 540°

D. 900°

Q. 75 If $x - 7 = 12$, what is the value of x?

A. 16

B. 19

C. 20

D. 21

Q. 76 Which symbol means "is less than"?

A. =

B. >

C. <

D. =

Q. 77 Simplify: $(\frac{1}{3}) \div (\frac{2}{3})$

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

B. $\frac{2}{3}$

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

D. $\frac{1}{3}$



Q. 78 What is the area of a parallelogram with base 10 and height 6?

- | | |
|-------|-------|
| A. 50 | B. 60 |
| C. 65 | D. 70 |

Q. 79 What is the sum of the first two prime numbers?

- | | |
|------|------|
| A. 3 | B. 5 |
| C. 4 | D. 6 |

Q. 80 Which fraction is greatest?

- | | |
|------------------|------------------|
| A. $\frac{2}{3}$ | B. $\frac{3}{5}$ |
| C. $\frac{4}{5}$ | D. $\frac{1}{2}$ |

Q. 81 The perimeter of a rectangle is $2 \times (\text{length} + \text{_____})$

- | | |
|---------|-----------|
| A. Side | B. Width |
| C. Area | D. Height |

Q. 82 The sum of angles in a quadrilateral is:

- | | |
|----------------|----------------|
| A. 360° | B. 270° |
| C. 180° | D. 540° |

Q. 83 The diagonals of a square are:

- | | |
|------------|-------------|
| A. Unequal | B. Equal |
| C. Curved | D. Parallel |

Q. 84 Which property is used in: $(a + b) + c = a + (b + c)$?

- | | |
|-----------------|----------------|
| A. Commutative | B. Associative |
| C. Distributive | D. Identity |

Q. 85 What is the area of a rectangle with length 5 cm and width 3 cm?

- | | |
|----------------------|----------------------|
| A. 15 cm^2 | B. 8 cm^2 |
| C. 10 cm^2 | D. 12 cm^2 |

Q. 86 Which is an even prime number?

- | | |
|------|------|
| A. 1 | B. 3 |
| C. 2 | D. 5 |

Q. 87 A triangle has angles 40° and 60° . What is the measure of the third angle?

- | | |
|---------------|---------------|
| A. 70° | B. 75° |
| C. 80° | D. 85° |

Q. 88 What is the HCF of 18 and 24?

- | | |
|------|-------|
| A. 2 | B. 3 |
| C. 6 | D. 12 |



Q. 89 A number multiplied by itself is called its:

- | | |
|-----------|-------------|
| A. Square | B. Cube |
| C. Factor | D. Multiple |

Q. 90 What is the Roman numeral for 50?

- | | |
|------|------|
| A. V | B. X |
| C. L | D. C |

Q. 91 What is the next prime number after 31?

- | | |
|-------|-------|
| A. 33 | B. 35 |
| C. 37 | D. 39 |

Q. 92 Which shape has exactly four sides?

- | | |
|-------------|------------------|
| A. Pentagon | B. Quadrilateral |
| C. Hexagon | D. Octagon |

Q. 93 The largest factor of 20 is:

- | | |
|-------|-------|
| A. 10 | B. 20 |
| C. 5 | D. 15 |

Q. 94 Which number is a multiple of both 4 and 6?

- | | |
|-------|-------|
| A. 8 | B. 12 |
| C. 24 | D. 16 |

Q. 95 What is the perimeter of an equilateral triangle with side 6 cm?

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

Q. 96 A triangle with two equal sides is called:

- | | |
|-------------------------|-----------------------|
| A. Scalene triangle | B. Isosceles triangle |
| C. Equilateral triangle | D. Right triangle |

Q. 97 Which decimal is largest?

- | | |
|--------|---------|
| A. 0.5 | B. 0.55 |
| C. 0.6 | D. 0.65 |

Q. 98 Which number is prime?

- | | |
|------|------|
| A. 4 | B. 6 |
| C. 8 | D. 7 |

Q. 99 Which number is divisible by both 2 and 9?

- | | |
|-------|-------|
| A. 12 | B. 20 |
| C. 18 | D. 15 |



Q. 100 Which property is used in $5 \times (4 + 2) = (5 \times 4) + (5 \times 2)$?

- A. Commutative
C. Associative

- B. Distributive
D. Identity

Q. 101 A quadrilateral with two pairs of equal adjacent sides is called:

- A. Rectangle
C. Trapezium

- B. Kite
D. Square

Q. 102 A triangle with all unequal sides is called:

- A. Isosceles
C. Equilateral

- B. Scalene
D. Right

Q. 103 What is the next prime number after 29?

- A. 30
C. 32

- B. 31
D. 33

Q. 104 What is the area of a circle with radius 3 cm? (Use $\pi = 3.14$)

- A. 26.5
C. 30

- B. 28.26
D. 31

Q. 105 Which number is irrational?

- A. 16
C. 25

- B. 3
D. 49

Q. 106 Which number is a factor of both 18 and 24?

- A. 6
C. 8

- B. 5
D. 7

Q. 107 A figure with three sides is called:

- A. Triangle
C. Square

- B. Rectangle
D. Circle

Q. 108 The product of two odd numbers is always:

- A. Even
C. Prime

- B. Odd
D. Composite

Q. 109 Which is an odd prime number?

- A. 19
C. 25

- B. 21
D. 27

Q. 110 What is the probability of picking a king from a full deck of 52 cards?

- A. $\frac{1}{26}$
C. $\frac{1}{12}$

- B. $\frac{1}{13}$
D. $\frac{1}{10}$



Q. 111 What is 40% of 250?

- | | |
|--------|---------------|
| A. 90 | B. 100 |
| C. 105 | D. 110 |

Q. 112 Which is a prime factor of 21?

- | | |
|-------------|------|
| A. 7 | B. 9 |
| C. 4 | D. 8 |

Q. 113 The sum of three angles in a triangle is:

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

Q. 114 Which number is not a perfect square?

- | | |
|--------------|-------|
| A. 49 | B. 64 |
| C. 50 | D. 81 |

Q. 115 What is the smallest prime number greater than 20?

- | | |
|--------------|-------|
| A. 23 | B. 21 |
| C. 25 | D. 27 |

Q. 116 Which is a prime factor of 15?

- | | |
|------|-------------|
| A. 4 | B. 5 |
| C. 9 | D. 12 |

Q. 117 The perimeter of a rectangle is 36 cm. If the length is 10 cm, what is the width?

- | | |
|---------|----------------|
| A. 7 cm | B. 8 cm |
| C. 9 cm | D. 10 cm |

Q. 118 What is the volume of a cube with side 6 cm?

- | | |
|--------|---------------|
| A. 196 | B. 216 |
| C. 230 | D. 240 |

Q. 119 What is the value of 5^3 ?

- | | |
|---------------|-------|
| A. 10 | B. 15 |
| C. 125 | D. 25 |

Q. 120 A regular polygon with all sides and angles equal is called:

- | | |
|----------------------|---------------------------|
| A. Irregular polygon | B. Regular polygon |
| C. Scalene polygon | D. Similar polygon |

Q. 121 A 3D shape with two circular faces and one curved surface is a:

- | | |
|-----------|--------------------|
| A. Cone | B. Cylinder |
| C. Sphere | D. Cube |



Q. 122 Which shape has all sides equal and all angles 60° ?

- | | |
|------------|-------------------------|
| A. Square | B. Equilateral triangle |
| C. Rhombus | D. Rectangle |

Q. 123 A figure with six square faces is a:

- | | |
|-------------|---------|
| A. Sphere | B. Cone |
| C. Cylinder | D. Cube |

Q. 124 If 5 pens cost Rs. 50, how much do 12 pens cost?

- | | |
|--------|--------|
| A. 110 | B. 120 |
| C. 125 | D. 130 |

Q. 125 Find the area of a trapezium with parallel sides 8 cm and 12 cm, and height 5 cm

- | | |
|----------------------|----------------------|
| A. 40 cm^2 | B. 50 cm^2 |
| C. 60 cm^2 | D. 70 cm^2 |

Q. 126 Which number is a multiple of both 4 and 6?

- | | |
|-------|-------|
| A. 16 | B. 18 |
| C. 20 | D. 24 |

Q. 127 Which number is an odd multiple of 5?

- | | |
|-------|-------|
| A. 10 | B. 15 |
| C. 20 | D. 30 |

Q. 128 A prism has how many bases?

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

Q. 129 Which shape is not a polygon?

- | | |
|-----------|-------------|
| A. Square | B. Triangle |
| C. Circle | D. Pentagon |

Q. 130 The unit of mass in the metric system is:

- | | |
|----------|-------------|
| A. Metre | B. Kilogram |
| C. Litre | D. Newton |

Q. 131 The total number of sides in two pentagons is:

- | | |
|-------|-------|
| A. 8 | B. 9 |
| C. 10 | D. 12 |

Q. 132 Factorize: $x^2 - 9$

- | | |
|---------------------|---------------------|
| A. $(x - 3)(x + 3)$ | B. $(x - 3)^2$ |
| C. $(x + 3)^2$ | D. $(x - 9)(x + 1)$ |



Q. 133 The largest factor of a number is always:

- | | |
|------|----------------------|
| A. 0 | B. The number itself |
| C. 1 | D. Half the number |

Q. 134 Which number is both a square and a cube?

- | | |
|-------|-------|
| A. 64 | B. 36 |
| C. 49 | D. 81 |

Q. 135 What is the factorization of $x^2 + 7x + 12$?

- | | |
|---------------------|---------------------|
| A. $(x + 2)(x + 4)$ | B. $(x + 3)(x + 4)$ |
| C. $(x + 6)(x + 2)$ | D. $(x + 5)(x + 2)$ |

Q. 136 If a triangle has sides 6, 8, and 10, what type of triangle is it?

- | | |
|----------------|-----------------|
| A. Isosceles | B. Right-angled |
| C. Equilateral | D. Scalene |

Q. 137 The perimeter of a square is 24 cm. What is the length of each side?

- | | |
|---------|---------|
| A. 5 cm | B. 6 cm |
| C. 7 cm | D. 8 cm |

Q. 138 What is the cube root of 64?

- | | |
|------|------|
| A. 2 | B. 3 |
| C. 4 | D. 5 |

Q. 139 Which is the largest fraction?

- | | |
|------------------|------------------|
| A. $\frac{1}{3}$ | B. $\frac{2}{5}$ |
| C. $\frac{3}{4}$ | D. $\frac{4}{5}$ |

Q. 140 Which number is between 0.7 and 0.9?

- | | |
|--------|--------|
| A. 0.8 | B. 0.6 |
| C. 0.5 | D. 1 |

Q. 141 Which number is not divisible by 5?

- | | |
|-------|-------|
| A. 10 | B. 25 |
| C. 45 | D. 42 |

Q. 142 What is the next multiple of 9 after 45?

- | | |
|-------|-------|
| A. 53 | B. 54 |
| C. 55 | D. 63 |

Q. 143 If the diameter of a circle is 14, what is its radius?

- | | |
|------|------|
| A. 6 | B. 7 |
| C. 8 | D. 9 |



Q. 144 A line segment has how many endpoints?

- | | |
|---------|-------------|
| A. 2 | B. 1 |
| C. None | D. Infinite |

Q. 145 Which number is an even factor of 36?

- | | |
|------|-------|
| A. 5 | B. 6 |
| C. 9 | D. 15 |

Q. 146 The line segment joining the center of a circle to any point on the circle is the:

- | | |
|-------------|------------|
| A. Diameter | B. Radius |
| C. Chord | D. Tangent |

Q. 147 Which number is a multiple of both 5 and 7?

- | | |
|-------|-------|
| A. 25 | B. 35 |
| C. 30 | D. 40 |

Q. 148 What is the perimeter of a rectangle with length 6 cm and width 4 cm?

- | | |
|----------|----------|
| A. 18 cm | B. 20 cm |
| C. 22 cm | D. 16 cm |

Q. 149 Which shape is not a polygon?

- | | |
|-----------|-------------|
| A. Square | B. Triangle |
| C. Circle | D. Pentagon |

Q. 150 What is the Roman numeral for 40?

- | | |
|-------|-------|
| A. L | B. X |
| C. XL | D. LX |

Q. 151 What is the smallest 2-digit number?

- | | |
|-------|-------|
| A. 0 | B. 11 |
| C. 10 | D. 9 |

Q. 152 Which number is even?

- | | |
|-------|-------|
| A. 13 | B. 28 |
| C. 17 | D. 35 |

Q. 153 Which number is a perfect cube?

- | | |
|-------|-------|
| A. 8 | B. 28 |
| C. 12 | D. 18 |

Q. 154 What is the mode of 2, 3, 3, 4, 5, 5, 5, 6?

- | | |
|------|------|
| A. 3 | B. 5 |
| C. 6 | D. 2 |



Q. 155 How many hours are in two days?

- | | |
|-------|-------|
| A. 24 | B. 12 |
| C. 48 | D. 36 |

Q. 156 What is the reciprocal of 3?

- | | |
|------------------|------------------|
| A. $\frac{1}{3}$ | B. $\frac{3}{1}$ |
| C. $\frac{3}{3}$ | D. 0.3 |

Q. 157 If $a = 5$ and $b = 3$, what is the value of $a^2 - b^2$?

- | | |
|-------|--------|
| A. 14 | B. 225 |
| C. 24 | D. 28 |

Q. 158 An angle exactly equal to 90° is called:

- | | |
|-----------------|-----------------|
| A. Acute angle | B. Right angle |
| C. Obtuse angle | D. Reflex angle |

Q. 159 How many edges does a cube have?

- | | |
|------|-------|
| A. 8 | B. 12 |
| C. 6 | D. 10 |

Q. 160 What is the largest 2-digit prime number?

- | | |
|-------|-------|
| A. 89 | B. 97 |
| C. 91 | D. 99 |

Q. 161 What is the smallest 3-digit number?

- | | |
|--------|--------|
| A. 101 | B. 999 |
| C. 100 | D. 110 |

Q. 162 What is the smallest prime number?

- | | |
|------|------|
| A. 0 | B. 1 |
| C. 2 | D. 3 |

Q. 163 Which angle is acute?

- | | |
|---------------|----------------|
| A. 95° | B. 90° |
| C. 60° | D. 120° |

Q. 164 Calculate the volume of a cylinder with radius 7 cm and height 10 cm (Use $\pi = \frac{22}{7}$)

- | | |
|-------------------------|------------------------|
| A. 1540 cm^3 | B. 154 cm^3 |
| C. 15400 cm^3 | D. 1550 cm^3 |

Q. 165 Which number is a common multiple of 3 and 4?

- | | |
|-------|-------|
| A. 9 | B. 12 |
| C. 14 | D. 20 |



Q. 166 What is the perimeter of a triangle with sides 3 cm, 4 cm, and 5 cm?

- | | |
|----------|----------|
| A. 10 cm | B. 12 cm |
| C. 11 cm | D. 9 cm |

Q. 167 The face of a dice is in the shape of a:

- | | |
|-------------|--------------|
| A. Triangle | B. Rectangle |
| C. Square | D. Circle |

Q. 168 The number that is neither positive nor negative is:

- | | |
|-------|------|
| A. 1 | B. 0 |
| C. -1 | D. 2 |

Q. 169 Solve the equation: $2(x + 3) = 16$

- | | |
|------|------|
| A. 5 | B. 6 |
| C. 7 | D. 8 |

Q. 170 Calculate the distance traveled by a car moving at 60 km/h for 2.5 hours

- | | |
|-----------|-----------|
| A. 120 km | B. 150 km |
| C. 180 km | D. 200 km |

Q. 171 What is the area of a triangle with base 12 and height 5?

- | | |
|-------|-------|
| A. 25 | B. 30 |
| C. 35 | D. 40 |

Q. 172 What is the mean of 2, 4, 6, 8?

- | | |
|------|------|
| A. 3 | B. 4 |
| C. 5 | D. 6 |

Q. 173 The smallest factor of any number is always:

- | | |
|----------------------|------|
| A. 0 | B. 1 |
| C. The number itself | D. 2 |

Q. 174 What is the largest two-digit number?

- | | |
|--------|-------|
| A. 90 | B. 99 |
| C. 100 | D. 98 |

Q. 175 Which number is a prime number?

- | | |
|-------|-------|
| A. 27 | B. 29 |
| C. 33 | D. 35 |

Q. 176 If $x^2 = 64$, what is the value of x ?

- | | |
|-------------|-------------|
| A. ± 6 | B. ± 8 |
| C. ± 10 | D. ± 12 |



Q. 177 Which number is a factor of both 25 and 35?

- | | |
|-------|------|
| A. 10 | B. 5 |
| C. 15 | D. 7 |

Q. 178 What is the mean of 8, 10, 12, and 14?

- | | |
|---------|-------|
| A. 10 | B. 11 |
| C. 11.5 | D. 12 |

Q. 179 What is the product of 10 and 0.1?

- | | |
|-------|---------|
| A. 10 | B. 0.01 |
| C. 1 | D. 0.1 |

Q. 180 Which is not an integer?

- | | |
|----------|-------|
| A. -5 | B. 0 |
| C. $1/2$ | D. 10 |

Q. 181 A 3D shape with a circular base and one curved surface is a:

- | | |
|-----------|-------------|
| A. Sphere | B. Cylinder |
| C. Cone | D. Cube |

Q. 182 Find the value of x in the proportion: $3/5 = x/15$

- | | |
|-------|-------|
| A. 6 | B. 9 |
| C. 12 | D. 15 |

Q. 183 Solve: $3x + 7 = 16$

- | | |
|------|------|
| A. 2 | B. 3 |
| C. 4 | D. 5 |

Q. 184 Which number is composite?

- | | |
|-------|-------|
| A. 13 | B. 17 |
| C. 15 | D. 19 |

Q. 185 The product of a number and its reciprocal is always:

- | | |
|------|-------------|
| A. 0 | B. 2 |
| C. 1 | D. Infinity |

Q. 186 The largest factor of 15 is:

- | | |
|------|-------|
| A. 5 | B. 15 |
| C. 3 | D. 10 |

Q. 187 Which fraction is equal to 0.75?

- | | |
|----------|-----------|
| A. $2/5$ | B. $3/4$ |
| C. $4/5$ | D. $7/10$ |

**Q. 188** What is the largest 4-digit number?

- | | |
|---------|---------|
| A. 999 | B. 9999 |
| C. 1000 | D. 9000 |

Q. 189 Which number is irrational?

- | | |
|---------|------------------|
| A. 4 | B. $\frac{5}{2}$ |
| C. 0.25 | D. $\sqrt{2}$ |

Q. 190 A 3D shape with all rectangular faces is a:

- | | |
|-------------|-----------|
| A. Cube | B. Cuboid |
| C. Cylinder | D. Cone |

Q. 191 A set of points all at the same distance from a fixed point is a:

- | | |
|-------------|------------|
| A. Square | B. Circle |
| C. Triangle | D. Polygon |

Q. 192 A straight line has how many endpoints?

- | | |
|---------|-------------|
| A. 1 | B. 2 |
| C. None | D. Infinite |

Q. 193 A polygon with 10 sides is called:

- | | |
|------------|-------------|
| A. Nonagon | B. Decagon |
| C. Octagon | D. Heptagon |

Q. 194 Solve: $7x - 5 = 16$

- | | |
|------|------|
| A. 2 | B. 3 |
| C. 4 | D. 5 |

Q. 195 Solve: $(2x - 1)/3 = 5$

- | | |
|------|------|
| A. 6 | B. 7 |
| C. 8 | D. 9 |

Q. 196 The point where two lines meet is called:

- | | |
|-------------|-----------|
| A. Midpoint | B. Vertex |
| C. Centre | D. Edge |

Q. 197 What is the sum of 0.25 and 0.75?

- | | |
|--------|--------|
| A. 0.9 | B. 1 |
| C. 1.1 | D. 0.8 |

Q. 198 The product of two negative numbers is:

- | | |
|-------------|-------------|
| A. Negative | B. Positive |
| C. Zero | D. Prime |



Q. 199 A shopkeeper marks an item at Rs. 500 and gives a 10% discount. What is the sale price?

- A. 440
B. 445
C. 450
D. 460

Q. 200 What is the largest 1-digit number?

- A. 8
B. 9
C. 7
D. 6

Q. 201 A number that can only be divided by 1 and itself is:

- A. Composite
B. Prime
C. Even
D. Multiple

Q. 202 How many degrees are in a complete turn?

- A. 90°
B. 180°
C. 360°
D. 270°

Q. 203 The perimeter of a square is 28 cm. What is its area?

- A. 36 cm^2
B. 49 cm^2
C. 64 cm^2
D. 81 cm^2

Q. 204 What is the volume of a cube with edge 4 cm?

- A. 48
B. 60
C. 64
D. 72

Q. 205 Which triangle is an equilateral triangle?

- A. $40^\circ, 50^\circ, 90^\circ$
B. $30^\circ, 60^\circ, 90^\circ$
C. $60^\circ, 60^\circ, 60^\circ$
D. $45^\circ, 45^\circ, 90^\circ$

Q. 206 What is the value of 10^2 ?

- A. 10
B. 1000
C. 100
D. 20

Q. 207 Which number is divisible by 9?

- A. 45
B. 32
C. 55
D. 50

Q. 208 A man spends Rs. 240, which is 40% of his salary. What is his salary?

- A. 500
B. 600
C. 650
D. 700

Q. 209 The sum of all sides of a polygon is called:

- A. Area
B. Perimeter
C. Volume
D. Surface area

Q. 210 What is the decimal form of $1/5$?

- A. 0.15
B. 0.2
C. 0.25
D. 0.5



THE EDUCATE ELEVATE HUB

Office No. 37, P-I, IT Tower,
Main Boulevard Gulberg III Lahore.
Contact No: 042-37824225, 37824226

info@theeducateelevatehub.com
www.theeducateelevatehub.com