

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	A set with no element is called	A. Subset B. Null set C. Super set D. Singleton set
2	Let $5x^2 - 17xy - 12y^2 = A \times B$ if $A = (x - 4y)$ then B is.	A. $(5x+3y)$ B. $(5x-3y)$ C. $(5x+3y)$ D. $(5x-4y)$
3	Which number system as used by the Egyptians.	A. Decimal B. Headecimal C. Sexagesimal D. Binary
4	Question Image <input style="width: 100%; height: 20px;" type="text"/>	A. $0^{\circ}$ B. $90^{\circ}$ C. $180^{\circ}$ D. $360^{\circ}$
5	$x=5$ represents.	A. x - axis B. y - axis C. Line to x -axis D. line ll to y -axis
6	Circumcentre is the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
7	In the following linear equation is	A. $5x > 7$ B. $4x - 2 < 1$ C. $2x + 1 = 1$ D. $4 = 1 + 3$
8	An event which will probably occur. It has greater chance to occur is called.	A. Equally likely event B. Likely event C. Unlikely event D. Certain event
9	For rationalize a denominator , we .....both the numerator and denominator by conjugate factor	A. Multiply B. Division C. Subtract D. Add
10	Question Image <input style="width: 100%; height: 20px;" type="text"/>	A. Closed right B. Closed left C. Open right D. Open left
11	The solution of inequality $x < 1$ is	
12	A triangle having two sides congruent is called.	A. Scalene B. Right angled C. Equilateral D. Isosceles
13	If x-coordinates of two points are same then line passing through them is perpendicular to	A. x-axis B. y -axis C. Origin D. any line
14	-----of the logarithm of numbers can also be found by expressing them in scientific notation	A. Mantissa B. Characteristics C. Base D. Ordinary notation
15	Question Image <input style="width: 100%; height: 20px;" type="text"/>	A. Equation B. Identity C. Inequality D. Linear equation
16	The line which equation bisects the 1st and 3rd quadrant.	A. $x - y = 0$ B. $x + y = 0$ C. $y = 2x$

$$D. y = 5x$$

17 The graph of inequality  $x > 0$  is half plane

- A. Upper
- B. Left
- C. right
- D. lower

18  $3x + 4 < 0$  is

- A. Equation
- B. inequality
- C. Identity
- D. Not inequality

19 Every ---number is not a surd

- A. Irrational
- B. Complex
- C. Rational
- D. Real

20 All points  $(x,y)$  with  $x < 0, y < 0$  lie in quadrant

- A. I
- B. II
- C. III
- D. IV