

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	If the sum of interior angles of a regular polygon is 1440° then number of sides are	A. 8 B. 10 C. 12 D. 14
2	The set having only one element is called	A. Null set B. Power set C. Subset D. Singleton set
3	The statement "Every integer greater than 2 is a sum of two prime numbers" is	A. Theorem B. Conjecture C. Axiom D. Postulates
4	The midpoint or class mark of the group (6-10) is	A. 4 B. 6 C. 8 D. 10
5	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
6	The Egyptians used a.....system for counting.	A. base 2 B. Base 10 C. Base 16 D. Base 60
7	Factors of $8x^3 - y^3$ are	A. $(2x + y)(4x^2 + 2xy - y^2)$ B. $(2x+y)(4x^2 - 2xy + y^2)$ C. $(2x-y)(4x^2 - 2xy + y^2)$ D. $(2x-y)(4x^2 + 2xy + y^2)$
8	The hexadecimal system has a base of.	A. 2 B. 10 C. 16 D. 60
9	Question Image	A. 90° B. 45° C. 60° D. 30°
10	For common logarithm the base is	A. 1 B. 10 C. 5 D. e
11	Which of the following cannot be used as binary operation	A. Division B. Square root C. Multiplication D. Addition
12	Question Image	A. Prime Number B. Odd Number C. Irrational Number D. Rational Number
13	The slope line $x/3 + y/2 = 1$ is	A. $2/3$ B. $-2/3$ C. $-3/2$ D. $3/2$
14	The conjunction $p \wedge q$ is true when p and q are	A. T,T B. T, F C. F, T D. F, F
15	The Egyptian numeral system was used between	A. 4500-1900 BCE B. 2000-1500 BCE C. 3000-2000 BCE D. 1000-500 BCE

16 The in center of any triangle always liesthe triangle.

A. Outside
B. Inside
C. Midpoint
D. On base of

17 The ratio of the areas of two similar polygons is

A. Equal to the ratio of their perimeters
B. Equal to the square of the ratio of their corresponding sides
C. Equal to the cube of the ratio of their corresponding side
D. Equal to the sum of their corresponding sides

18 If two Spheres have volumes in the ratio 8:27 then their corresponding lengths are in the ratio.

A. 2:3
B. 4:9
C. 8:18
D. 8:27

19 The invention of zero is attributed to which civilization.

A. Greeks
B. Indians
C. Arabs
D. Romans

20 The graph of which function has "S" shapes

A. Linear
B. quadratic
C. Cubic
D. Reciprocal
