

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Every surd is an .....number	A. Rational B. Real C. Complex D. Irrational
2	What numeral system did the Romans use?	A. Decimal system B. Sexagesimal system C. Roman numeral system D. Indo -Arabic numeral system
3	A triangle having all sides different is called	A. Isoleteles B. Scalene C. Equilateral D. Right
4	In $y = ax^2 + bx + c$ if $a < 0$ then parabola opens.	A. Upward B. downupward C. right ward D. Left ward
5	The bisectors of the angles of a triangle meet at a point called.	A. In centre B. Ortho centre C. Circumcentre D. Centroid
6	The statemetn that has been proved true based on previously known facts is	A. axiom B. postulate C. thorem D. proof
7	If $g(x) = x^2 - 3$ then $g(4) =$	A. 9 B. 11 C. 13 D. 10
8	The degree of linear inequality is	A. 1 B. 2 C. 3 D. 4
9	$\log_3 20 = \dots\dots\dots$	A. $2\log_3 3 + \log_3 5$ B. $2\log_3 3 + \log_3 5$ C. $2\log_3 5 + \log_3 2$ D. $2\log_3 3 + \log_3 2 + \log_3 4 + \log_3 5$
10	The ratio of corresponding sides of similar figures is called	A. Common factor B. Scale factor C. Grading factor D. Proportion
11	Reciprocal funtion is.	A. $x = 7^x$ B. $y = 2/x$ C. $y = 2x^2$ D. $y = 5x^3$
12	The gradient of two parallel line is	A. Equal B. Zero C. Negative receiprocals of eath other D. Always underfined
13	If Fatima rolled two fair dice then the probability of getting a fractional number is.	A. 0.5 B. 1 C. 0 D. 2
14	The statemetn "The sum of the interior angle of a triangle is $180^\circ$ is	A. Converse B. Theorem C. Axiom D. Conditional

15	For what value of k, a line passing through the points (-3,-7) and (4,k) has gradient 3/7?	A. 4 B. -4 C. -3 D. -7
16	Given that $f(x) = 3x + 1$ , if $f(x) = 28$ , then the value of x is.	A. 3 B. 9 C. 18 D. 27
17	The plane figure formed by two rays sharing a common endpoint is called	A. An angle B. A degree C. Triangle D. A radian
18	The relation of $y = \log z$ implies	A. $x^y = z$ B. $z^y = x$ C. $x^2 = y$ D. $x^2 = z$
19	A set with no element is called	A. Subset B. Null set C. Super set D. Singleton set
20	In sexagesimal system of measurement the angle is measured in	A. Radian B. Gradian C. oC D. $^{\circ}$