

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Which of the following line does pass through the origin.	A. $y = 4$ B. $y = 4x$ C. $y = 4x + 5$ D. $y = -2$
2	The set of all points which is farther than 2 km from a fixed point B is a region outside a circle of radius..... and centre at B.	A. 1 km B. 1.9 km C. 2 km D. 2.1 km
3	The set having only one element is called	A. Null set B. Power Set C. Singleton set D. Subset
4	If two medians of a triangle are congruent then the triangle will be	A. Isosceles B. Equilateral C. Right angled D. Acute angled
5	If $7x + 4 < 6x + 6$ , then x belongs to the interval	
6	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
7	The equation of a line in symmetric form is.	A. $x/a + y/b = 1$ B. $x-x_1/1 + y-y_1/m = z-z_1/1$ C. $ax + by + c = 0$ D. $y - y_1 = m(x - x_1)$
8	Question Image <input style="width: 100%; height: 20px;" type="text"/>	A. Empty Set B. Infinite set C. Singleton set D. Binary set
9	Number of elements in power set of $\{1,2,3\}$	A. 4 B. 6 C. 8 D. 9
10	The invention of zero is attributed to which civilization.	A. Greeks B. Indians C. Arabs D. Romans
11	L.C.M. of $a^2 - b^2$ and $a^4 - b^4$ is	A. $a^2 + b^2$ B. $a^2 - b^2$ C. $a^4 - b^4$ D. $a - b$
12	Cubic polynomial has degree	A. 1 B. 2 C. 3 D. 4
13	The plane figure formed by two rays sharing a common endpoint is called	A. An angle B. A degree C. Triangle D. A radian
14	Question Image <input style="width: 100%; height: 20px;" type="text"/>	
15	A line passing through points (1,2) and (4,5) has which equation in the slope intercept form?	A. $y = x + 1$ B. $y = 2x + 3$ C. $y = 3x - 2$ D. $y = x + 2$
16	The probability of a certain Event is	A. 0 B. 1 C. 2 D. Not possible

17	Each element of the sample space is called	A. Event B. Experiment C. Sample point D. Outcomes
18	The conjunction of negations of two statements p and q is denoted by	A. $p \wedge q$ B. $p \wedge \neg q$ C. $p \vee \neg q$ D. $p \vee q$
19	$25^\circ = \dots\dots\dots$	A. $360'$ B. $630'$ C. $1500'$ D. $9000'$
20	Question Image <input type="text"/>	A. $0^\circ$ B. $90^\circ$ C. $180^\circ$ D. $360^\circ$