

## 10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Two triangles are similar if and only of their corresponding are equal:	A. Sides B. Points C. Angles D. Squares
2	Arithmetic mean is a measure that determines a value of the variable under study by dividing the sum of all values of the variable by their:	A. Number B. Group C. Denominator
3	How many tangents can be drawn from a point outside the circle ?	A. 1 B. 2 C. 3
4	$\sin^2\theta + \cos^2\theta = \dots\dots\dots$	A. $\tan^2\theta$ B. $\cos^2\theta$ C. 1 D. 0
5	From a point outside the circle _____ tangents can be drawn:	A. One B. Two C. Three D. Four
6	_____ Common tangents can be drawn for two touching circles:	A. 2 B. 3 C. 4 D. 5
7	The sum of the squares of the sides of a rhombus is equal to the sum of the squares of its:	A. Sides B. Diagonals C. Medians D. Altitude
8	If $b^2 - 4ac < 0$ , then roots are:	A. Unreal B. Imaginary C. Real D. Unequal
9	Line segment joining any point of the circle to the centre is called:	A. Circumference B. Diameter C. Radial segment D. Perimeter
10	The number of element in power set $\{1,2,3\}$ is.	A. 4 B. 8 C. 6 D. 9
11	The length of the diameter of a circle is how many times the radius of the circle:	A. 1 B. 2 C. 3
12	$3\pi/2$ Radian = _____	A. $30^\circ$ B. $135^\circ$ C. $180^\circ$ D. $270^\circ$
13	Each of the complex cube root of unity is:	A. The square of the other B. The half of the other C. The cube of the other D. Equal to each other
14	The different number of ways to describe a set are:	A. 1 B. 2 C. 3 D. 4
15	If $\theta$ lies in 2nd (second) quadrant then $\sin \theta$ and $\operatorname{cosec}\theta$ are:	A. negative B. positive C. zero D. undefined
16	The measure of central tendency which is not affected by extreme values is called:	A. Median B. Arithmetic mean C. Geometric mean

		D. None of these
17	Number of elements in power set of {1,2,3}	A. 4 B. 6 C. 8 D. 9
18	The arcs opposite to incongruent central angles of a circle are always:	A. Congruent B. Incongruent C. Parallel D. Perpendicular
19	The measure of the external angles of a regular octagon is:	
20	The spread or scatterness of observations in a data set is called:	A. Average B. Dispersion C. Central tendency