

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

Sr	Questions	Answers Choice
1	The number of terms in a standard quadratic equation $ax^2+bx+c=0$ is:	A. 1 B. 2 C. 3 D. 4
2	In class (10-19) , upper class limit is.	A. 10 B. 19 C. 29 D. 14.5
3	The factors of $3x^2-7x-20=0$ are:	A. $(x-4)(3x+5)$ B. $(x+4)(3x-5)$ C. $(x-4)(3x-5)$ D. $(x+4)(3x+5)$
4	In an equilateral triangle ABC, then side BC is trisected at D then:	
5	A chord passing through the centre of a circle is called:	A. Radius B. Diameter C. Circumference D. Secant
6	$\text{Cot}\theta =$ _____	A. $\text{Sin}\theta/\text{cos}\theta$ B. $1/\text{cos}\theta$ C. $\text{Cos}\theta/\text{Sin}\theta$ D. $1/\text{sin}\theta$
7	Tangents drawn at the ends of _____ of a circle are parallel to each other:	A. Chord B. Diameter C. Corners D. Arc
8	$1/2 \text{ Cosec } 45^\circ =$ _____	A. $1/2\sqrt{2}$ B. $1/\sqrt{2}$ C. $\sqrt{2}$ D. $\sqrt{3}/2$
9	The angle subtended by an arc at the circumference of a circle is called a:	A. Acute angle B. Circum angle C. Abtue angle D. Ascribe angle
10	$1 + \cot^2 \theta =$ _____.	A. $\tan^2 \theta$ B. $\text{cosec}^2 \theta$ C. $\cot^2 \theta$ D. $\sec^2 \theta$
11	If $\tan \theta = \sqrt{3}$ then $\theta =$ _____.	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $90^\circ$
12	If $x \in A$ and $x \in B$ , then $\{x\}$ is equal to .	A. $A - B$ B. $A \cup B$ C. $A \cap B$ D. $B \cup C$
13	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
14	The line that passes through centre and touches a circle at two points is called:	A. Diameter B. Radius C. Arc D. Corners
15	In which quadrant 0 lie when $\text{Sec}\theta < 0$ , $\text{Sin}\theta < 0$ ?	A. I B. II C. III D. IV
16	A tangent is perpendicular to the radius of a circle at its point of:	A. Tangent B. Touch C. Contact

		D. Meet
17	Line segment joining any point of the circle to the centre is called:	A. Circumference B. Diameter C. Radial segment D. Perimeter
18	Synthetic division is simply a short cut of:	A. H.C.F B. L.C.M C. Long division method D. Factorization
19	If A and B are disjoint sets then $A \cup B$ is equal to:	A. A B. B D. $A \cup B$
20	A deviation is defined as a difference of any value of the variable from a.	A. Constant B. Histogram C. Sum D. Product