

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

Sr	Questions	Answers Choice
1	The number of methods to solve a quadratic equation is:	A. 1 B. 2 <b>C. 3</b> D. 4
2	Number of terms in standard Quadratic Equation $ax^2+bx+c = 0$	A. 1 B. 2 <b>C. 3</b> D. 4
3	An arc subtends a central angle of $40^\circ$ then corresponding chord will subtend a central angle of _____:	A. $20^\circ$ <b>B. <math>40^\circ</math></b> C. $60^\circ$ D. $80^\circ$
4	O - E = .....	A. $\emptyset$ <b>B. O</b> C. E D. Z
5	A frequency polygon is a many sided:	<b>A. Closed figure</b> B. Rectangle C. Square
6	An angle which is equal to $90^\circ$ is called:	<b>A. right angle</b> B. obtuse angle C. acute angle D. none of these
7	In a set of data 41,43,47,51,57,52 ,59 median is:	<b>A. 51</b> B. 47 C. 52 D. None of these
8	If $a = 2, b = -7, c = 1$ , then the value of $b^2-4ac$ is:	A. 37 B. 39 <b>C. 41</b> D. 42
9	The positive square root of mean of the squared deviations of $x_i$ ( $i = 1,2,\dots,n$ ) observation from their arithmetic mean is called.	A. Harmonic mean B. Range <b>C. S.D</b> D. Variance
10	The domain of $R = \{(0,2),(2,3),(3,3),(3,4)\}$ is.	A. $\{0,3,4\}$ <b>B. <math>\{0,2,3\}</math></b> C. $\{0,2,4\}$ D. $\{2,3,4\}$
11	In which quadrant 0 lie when $\sec\theta < 0, \sin\theta < 0$ ?	A. I B. II C. III <b>D. IV</b>
12	Question Image <input style="width: 100%; height: 20px;" type="text"/>	
13	Co sec $60^\circ = \dots\dots\dots$	A. $1/2$ B. $\sqrt{3}/2$ C. 2 <b>D. <math>2/\sqrt{3}</math></b>
14	The locus of a moving point P in a plane which is always equidistant from some fixed point O is called:	A. Segment line B. Radial segment <b>C. Circle</b> D. Circumference
15	The most frequent occurring observation in a data set is called:	<b>A. Mode</b> B. Median C. Harmonic mean

**A. Componendo-Dividendo**  
B.

16	If $a : b = c : d$ , then $a + b : a - b = c + d : c - d$ is called theorem of:	<p>image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;"&gt;Invertendo</p> <p>C. Dividendo D. Componendo</p>
17	$\sin 60^\circ = \dots\dots\dots$	<p>A. <math>1/2</math> B. <math>\sqrt{3}/2</math> C. 2 D. <math>2/\sqrt{3}</math></p>
18	If A is subset of U, then $(A^c)^c = \dots\dots\dots$	<p>A. A B. <math>A^c</math> C. <math>U^c</math> D. <math>\emptyset</math></p>
19	The circular region bounded by two radii and the corresponding arc is called:	<p>A. Circumference of a circle B. Sector of a circle C. Diameter of a circle D. Segment of a circle</p>
20	The system of measurement in which the angle is measured in radians is called:	<p>A. CGS system B. Sexagesimal system C. MKS system D. Circular system</p>