

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

Sr	Questions	Answers Choice
1	The circumference of circle is called:	A. Chord B. Segment C. Boundary
2	$3\pi/2$ radians =.....	A. $90^\circ$ B. $180^\circ$ C. $270^\circ$ D. $360^\circ$
3	A cumulative frequency table is called.	A. Frequency distribution B. Data C. Less then frequency distribution D. None of these
4	The boundary of a circle is called:	A. Circumference B. Arc C. Line D. Area
5	The number of elements in the power set of {1,2,3,4}.	A. 4 B. 8 C. 16 D. 0
6	If $a = 2$ , $b = -7$ , $c = 1$ , then the value of $b^2 - 4ac$ is:	A. 37 B. 39 C. 41 D. 42
7	A line which has only one point in common with a circle is called:	A. Sine of a circle B. Cosine of a circle C. Tangent of a circle D. Secant of a circle
8	$\sin(-310^\circ) = \dots\dots\dots$	A. $\sin 310^\circ$ B. $-\sin 310^\circ$ C. $\cos 310^\circ$ D. $\tan 310^\circ$
9	Radii of a circle are:	A. All equal B. Double of the diameter C. All unequal D. Half of any chord
10	A second degree equation in one variable x is of the form:	A. $ax^2 + c$ B. $ax^2 + bx + c$ C. $ax + bx + c$ D. $ax^2 + b$
11	The most frequently occurring observation in a data set is called.	A. Mode B. Median C. Harmonic mean D. Mean
12	A pair of chords of a circle subtending two congruent central angles is:	A. Congruent B. Incongruent C. Overlapping D. Parallel
13		A. 1.5cm B. 2.0cm C. 2.5cm D. 3.5cm
14	If $x \subseteq A$ and $x \notin b$ , then $\{x\}$ is equal to.....	A. A - B B. B - A C. $A \cap B$ D. $A \cup B$
15	If the rotation of the ray is clock wise, the angle has _____ measure:	A. Degree B. Negative C. Positive D. Standard

16	During frequency distribution number of groups should be between.....	A. 5 and 10 B. 10 and 15 C. 10 and 20 D. 5 and 15
17	$\cot 30^\circ = \dots\dots\dots$	A. $\frac{1}{2}$ B. $\frac{\sqrt{3}}{2}$ C. $\sqrt{3}$ D. $\frac{1}{\sqrt{3}}$
18	$\frac{1}{2} \operatorname{Cosec} 45^\circ = \underline{\hspace{2cm}}$	A. $\frac{1}{2}\sqrt{2}$ B. $\frac{1}{\sqrt{2}}$ C. $\sqrt{2}$ D. $\frac{\sqrt{3}}{2}$
19	The circular region bounded by an arc of a circle and its two corresponding radial segments is called a:	A. Sector of the circle B. Area of the circle C. Radius of the circle D. Circumference of the circle
20	Through how many non collinear points, a circle can pass ?	A. One B. Two C. Three D. None