

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	
2	The mean of the squared deviations of x_i ($i = 1, 2, \dots, n$) observations from their arithmetic mean is called:	A. Variance B. Standard deviation C. Range
3	Question Image	
4	The measure which determines the middle-most observation in a data set is called:	A. Median B. Mode C. Mean
5	A frequency polygon is a many sided:	A. Closed figure B. Rectangle C. Square
6	$20^\circ =$	A. $360'$ B. $630'$ C. $1200'$ D. $3600'$
7	In proportion $7:4::p:8$, $p =$ _____:	A. 14 B. $7/2$ D. -14
8	The size of class interval (6-10) is.	A. 4 B. 5 C. 8 D. 10
9	Fundamental trigonometric ratios are.	A. 3 B. 4 C. 5 D. 6
10	The tangent and radius of a circle at the point of contact are _____:	A. Parallel B. Not perpendicular C. Perpendicular D. None of these
11	The discriminant of $x^2+8x+16=0$:	A. 4 B. 3 C. 2 D. 0
12	$\cot 60^\circ =$ _____	A. $1/\sqrt{3}$ B. $\sqrt{3}$ C. $1/2$ D. 2
13	If a line is drawn perpendicular to a radial segment of a circle at its end point, it is _____ to the circle at that point:	A. Radial B. Parallel C. Tangent D. Perpendicular
14	If $A \subseteq B$ then $A \cap B =$ _____	A. A B. B C. \emptyset D. $A \cup B$
15	An arc subtends a central angle of 40° then the corresponding chord will subtend a central angle of:	A. 20° B. 40° C. 60° D. 80°
16	Question Image	A. 4.13 B. 3.14 C. 15.4 D. 17.3
17	If $A \subseteq B$ and $B \subseteq A$, then	A. $A = B$ B. $A \neq B$ C. $A \cap B = \emptyset$ D. $A \cup B = \emptyset$

18	The portion of a circle bounded by an arc and a chord is known as:	A. Diameter of the circle B. Radius of the circle C. Chord of the circle D. Segment of the circle
19	Standard form of quadratic equation is:	
20	In proportion $a:b::c:d$, b and c are called:	A. Means B. Extremes C. Third proportional D. None of these
