

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The nature of roots depends on the value of:	A. $-b+4ac$ B. b^2+4c C. b^2-4ac D. $-b+4ac^2$
2	A line intersecting a circle is called:	A. Tangent B. Secant C. Chord
3	Geometric mean of 2,4,8 is.....	A. 2 B. 4 C. 8 D. 3
4	The measures that are used to determine the degree or extent of variation in a data set are called measures of:	A. Dispersion B. Central tendency C. Average
5	In an equilateral triangle ABC, then side BC is trisected at D then:	
6	Question Image	A. 1.5cm B. 2.0cm C. 2.5cm D. 3.5cm
7	In equation $ax^2+bx+c=0$, a and b are:	A. Constants B. Co-efficients C. Variables D. Factors
8	Sum of deviations of the variable X from its mean is always_____	A. Zero B. One C. Same D. None
9	The value of i is equal to:	
10	$20^\circ =$ _____	A. 360' B. 630' C. 1200' D. 360'
11	Mean is affected by change in:	A. Value B. Ratio C. Origin
12	A chord passing through the centre of a circle is called:	A. Radius B. Diameter C. Circumference D. Secant
13	Question Image	
14	If $y = kx$, $x = 7$ and $y = 6$, then $k =$	A. 42 C. 13
15	Arithmetic means 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 D. Numerator
16	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. $B \cup C$
17	$\cot 45^\circ =$	A. 1 B. $\sqrt{2}$ C. $1/\sqrt{2}$ D. 0
18	The system of measurement in which the angle is measured in radian is called.	A. CGS system B. Sexagesimal system C. Circular system D. MKS system

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- 19 The length of a chord and the radial segment of a circle are congruent, the central angle made by the chord will be:
- A. 30°
 - B. 45°
 - C. 60°
 - D. 75°
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- 20 Angles between 180° and 270° are to which quadrant?
- A. I
 - B. II
 - C. III
 - D. IV
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