

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	If $a = 7$, $b = 8$ and $c = 1$ then $b^2 - 4ac$ is equal to:	A. 33 B. 34 C. 35 D. 36
2	The formula of grouped data of the arithmetic mean is:	A. $\bar{X} = \frac{\sum X}{n}$ B. $\bar{X} = \frac{A + \sum fX}{\sum X}$ C. $\bar{X} = \frac{\sum fX}{n}$ D. $\bar{X} = \frac{1}{n} + \frac{n}{2} - c$
3	If a chord of a circle subtends a central angle of 60° , then the length of the chord and the radial segment arc:	A. Congruent B. Incongruent C. Parallel D. Perpendicular
4	The boundary of a circle is called:	A. Circumference B. Arc C. Line D. Area
5	The line that passes through centre and touches a circle at two points is called:	A. Diameter B. Radius C. Arc D. Corners
6	The sum of the squares of sides of a rhombus is equal to the sum of the squares of its:	A. Sides B. Diagonals C. Medians D. Altitude
7	The straight line joining any two points on the circumference of a circle is called:	A. Chord B. Sector C. Radius D. Arc
8	The symbol used to denote a second is:	A. 1° , $1'$ B. 1° C. $1''$ D. $1'$
9	In degree measurement . $1'$ is equal to:	A. $1^{\sup>0\sup>}$ B. $60^{\sup>0\sup>}$ C. $90^{\sup>0\sup>}$ D. $360^{\sup>0\sup>}$
10	Factors of $5x^2 - 30 = 0$ are:	A. $5x(x+6)$ B. $6x(x+5)$ C. $6x(x-5)$ D. $5x(x-6)$
11	$\sin 60^\circ =$	A. 1 B. 0
12	An equation involving impression of the variable under _____ is called radical equation:	A. Second degree B. Exponent C. Radical D. Cube
13	$7 - 7h = 0$, then $h = :$	A. 7 B. 1 C. 0 D. 49
14	When the number of observations of a set of data is even then the median formula is:	A. Alternando
15	If $a : b = c : d$, then $a + b : b = c + d : d$ is called theorem of :	B.

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initial;">Invertendo
C. Dividendo
D. Componendo

16	The difference between upper limit of two consecutive classes in a frequency table is called:	A. Class limit B. Class interval C. Class mark D. All of these
17	A straight line which cuts the circumference of a circle in two distinct points is called:	A. chord B. secant C. tangent D. sector
18	$\cot 45^\circ =$	A. 1 B. -1 C. 0 D. Not defined
19	A tangent is perpendicular to the radius of a circle at its point of:	A. Tangent B. Touch C. Contact D. Meet
20	Question Image <input type="text"/>	