

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

Sr	Questions	Answers Choice
1	$1/1 + \sin\theta + 1/1 - \sin\theta$	<p>A. <math>2\sec^2\theta</math>            B. <math>2\cos^2\theta</math>            C. <math>\sec^2\theta</math>            D. <math>\cos\theta</math></p>
2	If a chord of a circle subtends a central angle of $60^\circ$ , then the length of the chord and the radial segment arc:	<p>A. Congruent            B. Incongruent            C. Parallel            D. Perpendicular</p>
3	Arithmetic mean of 34,34,34,34,34,34 is.	<p>A. 0            B. 341            C. 6            D. 170</p>
4	The difference between upper limit of two consecutive classes in a frequency table is called:	<p>A. Class limit            B. Class interval            C. Class mark            D. All of these</p>
5	A tangent line intersects the circle at:	<p>A. Three points            B. Two points            C. Single point            D. No point at all</p>
6	Equation is $2x^4 - 3x^3 + 7x^2 - 3x + 2 = 0$ called:	<p>A. Reciprocal            B. Radical            C. Exponential            D. None</p>
7	Which mathematical expression is correct:	
8	How many tangents can be drawn from a point outside the circle ?	<p>A. 1            B. 2            C. 3</p>
9	$\sum [(x_i) - \bar{x}] = \dots\dots\dots$	<p>A. 0            B. 1            C. -1            D. 2</p>
10	The length of the diameter of a circle is how many times the radius of circle:	<p>A. 1            B. 2            C. 3            D. 4</p>
11	Two square roots of unity are:	<p>A. 1, -1</p>
12	Which of the following is distributive property of union over intersection?	<p>A. <math>A \cup (B \cap C) = (A \cup B) \cap (A \cup C)</math>            B. <math>A \cap (B \cup C) = (A \cap B) \cup (A \cap C)</math>            C. <math>A \cup (B \cap C) = (A \cup B) \cap (A \cup C)</math>            D. <math>A \cap (B \cup C) = (A \cap B) \cup (A \cap C)</math></p>
13	The length of a chord and the radial segment of a circle are congruent, the central angle made by the chord will be:	<p>A. <math>30^\circ</math>            B. <math>45^\circ</math>            C. <math>60^\circ</math>            D. <math>75^\circ</math></p>
14	A subset of $A \times A$ is called..... in A.	<p>A. Set            B. Relation            C. Function            D. Info function.</p>

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15	If the rotation of the rays is anti-clock wise, the angle has _____ measure:	A. Positive B. Radian C. Standar D. Negative
16	The mean of the squared deviations of X observations from their arithmetic mean is called.	A. Variance B. Standard deviation C. Range D. Harmonic mean
17	Arithmetic mean 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
18	A circle of any radius can be constructed by rotating a compass about:	A. A chord B. An arc C. The straight line D. A fixed point
19	<input type="text" value="Question Image"/>	A. 214 B. 256 C. 273 D. 296
20	If 1 is the zero of polynomial, then remainder is:	A. 3 B. 2 C. 0 D. 1

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