

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	If $b^2-4ac > 0$, but not a perfect square then roots of $ax^2+bx+c=0$ are:	A. Imaginary B. Rational C. Irrational D. None of these
2	The extent of variation between two extreme observations in a data is called.	A. Average B. Range C. Quartiles D. None of these
3	If $A \subseteq B$ and $B \subseteq A$, then	A. $A = B$ B. $A \neq B$ C. $A \cap B = \emptyset$ D. $A \cup B = \emptyset$
4	If 12, p and 3 are in continued proportion, then p =	
5	$1/\cos\theta = \dots\dots\dots$	A. $\sin\theta$ B. $\sec\theta$ C. $\cot\theta$ D. $\cos\theta$
6	A tangent is perpendicular to the radius of a circle at its point of:	A. Tangent B. Touch C. Contact D. Meet
7	$\sec 30^\circ = \dots\dots\dots$	A. $1/2$ B. $\sqrt{3}/2$ C. 2 D. $2/\sqrt{3}$
8	Angle inscribed in a semi-circle is a _____ angle:	A. Obtuse B. Right C. Supplementary D. Acute
9	$20^\circ = \dots\dots\dots$	A. 360° B. 630° C. 1200° D. 3600°
10	A frequency polygon is a many sided.	A. Closed figure B. Rectangle C. Circle D. Triangle
11	Question Image <input style="width: 300px; height: 20px;" type="text"/>	A. Proper fraction B. Improper fraction C. Irrational fraction D. Rational fraction
12	Coding formula of group data of the arithmetic mean is:	A. $\bar{X} = \frac{\sum fX}{\sum f}$ B. $\bar{X} = \frac{\sum fD}{\sum f}$ C. $\bar{X} = A + \frac{\sum fu}{\sum f} \times h$ D. $\bar{X} = A + \frac{\sum fu}{\sum f}$
13	A part of the circumference of a circle is called a/an :	A. angle B. arc C. circumference D. radian
14	The centre of incircle is called:	A. Origin B. Incentre C. Centre D. Fixed point
15	$\sin(-350^\circ)$ lies in _____.	A. 1st quadrant B. 2nd quadrant C. 3rd quadrant D. 4th quadrant
16	The circumference of a circle is divide into _____ degrees:	A. 180° B. 270° C. 360°

D. 30°

17 In proportion $a:b::c:d$, b and c are called:

- A. Means
- B. Extremes
- C. Third proportional
- D. None of these

18 $O - E = \dots\dots\dots$

- A. \emptyset
- B. O
- C. E
- D. Z

19 In a circle radius 10 what is the length of arc intercepted by a central angle of 60° :

- A. $\pi/3m$
- B. $3/10\pi m$
- C. $10\pi/3m$
- D. $\pi/30m$

20 The number of elements in the power set of $\{1,2,3,4\}$.

- A. 4
- B. 8
- C. 16
- D. 0