

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

Sr	Questions	Answers Choice
1	Question Image	
2	If $A \subseteq B$ then $A \cup B$ is equal to	A. A B. B C. $\emptyset$ D. None of these
3	If $\tan \theta = \sqrt{3}$ then $\theta$ is equal to .	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $90^\circ$
4	The discriminant of $x^2 - 3x + 3 = 0$ is:	A. -3 B. 3 C. -2 D. 2
5	In a cumulative frequency polygon freqncies are plotted against.	A. Midpoints B. Upper class boundaries C. Class limits D. Frequency
6	$\pi/2$ radians =.....	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $90^\circ$
7	If set has 3 and B has 2 elements then number binary relations of $A \times B$ .	A. $2^2$ B. $2^8$ C. $2^6$ D. $2^3$
8	The standard form of quadratic equation is:	A. $x^2 + 6 = 7x$ B. $x^2 - 7x = 6$ C. $7x + 6 = x^2$ D. $x^2 - 7x + 6 = 0$
9	Question Image	
10	$2\pi$ radian = .....	A. $0^\circ$ B. $90^\circ$ C. $180^\circ$ D. $360^\circ$
11	In the given set of data 5,7,7,5,3,7,2,8,2 mode is:	A. 9 B. 5 C. 2 D. 7
12	The class having maximum frequency is called..... class.	A. Model B. Median C. Lower D. Upper
13	If $\theta$ lies in 2nd (second) quadrant then $\sin \theta$ and $\operatorname{cosec} \theta$ are:	A. negative B. positive C. zero D. undefined
14	When the number of observations of a set of data is even then the median formula is:	
15	Variation has	A. Two types B. Three types C. Four types D. Five type
16	The reciprocal of Arithmetic mean of reciprocal of values is called:	A. Average B. Harmonic mean C. Geometric mean D. None of these
17	The $n^{\text{th}}$ positive root of the product of the $x_1, x_2, x_3, \dots, x_n$ observations is called:	A. Mode B. Mean C. Geometric mean

18

Question Image

- A. 2
- B. 6
- D. 5

19

The length of the diameter of a circle is how many times the radius of the circle:

- A. 1
- B. 2
- C. 3

20

Roots of the equation  $4x^2 - 4x + 1 = 0$  are:

- A. Real, equal
- B. Real, unequal
- C. Imaginary
- D. Irrational