

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	
2	The different number of way to describe a set are.	A. 1 B. 2 C. 3 D. 4
3	If $a:b = x:y$, then invertendo property is:	
4	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
5	In which quadrant θ lie when $\sin\theta > 0$, $\tan\theta < 0$?	A. I B. II C. III D. IV
6	$\cot 60^\circ = \dots\dots\dots$	A. $\frac{1}{2}$ B. $\frac{\sqrt{3}}{2}$ C. $\sqrt{3}$ D. $\frac{1}{\sqrt{3}}$
7	Which of the following is true?	A. $W \subseteq N$ B. $Z \subseteq W$ C. $N \subseteq P$ D. $P \subseteq W$
8	The geometric mean of the a observations 2,4,8, is:	A. 2 B. 8 C. 4 D. no geometric mean
9	$\tan 90^\circ = \dots\dots\dots$	A. $\frac{\sqrt{3}}{2}$ B. $\frac{1}{\sqrt{3}}$ C. 0 D. undefined
10	If $\{x x=p/q, q \neq 0, p, q \in \mathbb{Z}\}$ then this is a $\dots\dots\dots$	A. Set of even numbers B. Set of rational number C. Set of irrational numbers D. Set of integers
11	Question Image	A. Sides B. Angles C. Squares D. Vertex
12	The value obtained by reciprocating the mean of the reciprocal of $x_1, x_2, x_3, \dots, x_{11}$ observation is called $\dots\dots\dots$	A. Geometric mean B. Median C. Harmonic mean D. S.D
13	$3\pi/2$ radians = $\dots\dots\dots$	A. 90° B. 180° C. 270° D. 360°
14	$\sec 270^\circ = \dots\dots\dots$	A. 0 B. 1 C. -1 D. Not defined
15	$1^\circ = \dots\dots\dots$	A. 0.0175 radians B. 0.175 radians C. 1.75 radians D. 175 radians
16	The third proportional of x^2 and y^2 is:	B. $\frac{x^2}{y^2}$
17	If 12, p and 3 are in continued proportion, then p =	A. \emptyset

18	Power set of empty set.	B. {a} C. { \emptyset , {a}} D. { \emptyset }
19	The line that passes through centre and touches a circle at two points is called:	A. Diameter B. Radius C. Arc D. Corners
20	The area of a circle is:	