

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