


10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	
2	Harmonic mean for 1,2,5,8,4 is.....	A. 6.08 B. 5.08 C. 7.08 D. 4.08
3	A histogram is g group/ set of adjacent:	A. squares B. circles C. rectangle D. cube
4	$\text{Cosec}^2\theta - \text{Cot}^2\theta =$ _____	A. -1 B. 1 C. 0 D. $\tan\theta$
5	Point (-1, 4) lies in the quadrant:	A. I B. II C. III D. IV
6	Standard form of quadratic equation is:	
7	If number of elements in set, A is 3 and in set B is 2 then number of binary relations in A x B is:	A. $2^{³}$ B. $2^{⁶}$ C. $2^{⁸}$ D. $2^{²}$
8	The circumference of a circle is:	
9	Question Image	
10	2π radian =	A. $0^{⁰}$ B. $90^{⁰}$ C. $180^{⁰}$ D. $360^{⁰}$
11	Question Image	A. Proper fraction B. Improper fraction C. Irrational fraction D. Rational fraction
12	The nth positive root of the product of the $x_1, x_2, x_3, \dots, x_{11}$ observation is called.	A. Mode B. Mean C. Geometric mean D. Median
13	If $y = 8$ and $x = 4$, then $k = xy$, we get $k =$	A. 12 B. 32 C. 84 D. 114
14	The factors of $3x^2 - 7x - 20 = 0$ are:	A. $(x-4)(3x+5)$ B. $(x+4)(3x-5)$ C. $(x-4)(3x-5)$ D. $(x+4)(3x+5)$
15	The _____ of a given point on a line segment is the foot of perpendicular drawn from the point on that line segment.	A. position B. co terminal C. projection D. standard position
16	$\pi/2$ radians =	A. $30^{⁰}$ B. $45^{⁰}$ C. $60^{⁰}$ D. $90^{⁰}$
17	$A \cap A^c =$	A. U B. $A^{^c}$ C. \emptyset D. A
		A. $2\text{sec}^{²}$

18	$\frac{1}{1+\sin\theta} + \frac{1}{1-\sin\theta}$	<p>B. $2\cos^2\theta$ C. $\sec^2\theta$ D. $\cos\theta$</p>
19	Question Image 	<p>A. 4 B. 3 C. 1 D. 0</p>
20	Cot $45^\circ =$ _____	<p>A. $\frac{1}{2}$ B. $-\frac{1}{2}$ C. $\frac{1}{\sqrt{2}}$ D. 1</p>