10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	$1+\cot^2\theta$	A. $\sin^2\theta$ B. $\cos^2\theta$ C. $\csc^2\theta$ D. $\sec^2\theta$
2	Rang =.................	A. $X_m + X_o$ B. $X_{m-}X_o$ C. X_m / X_o D. X_o / X_m
3	In which quadrant θ lie when $\sin\theta > 0$, $\tan\theta < o$?	A. I B. II C. III D. IV
4	A quadratic factor is:	A. ax^2+bx+c B. $ax+b$ C. $Ax+B+c$ D. $bx+c$
5	The average pocket money of 30 students is Rs.20/- , The total amount in the class is:	A. Rs.20/- B. Rs.30/- C. Rs.300/- D. Rs.600/-
6	An equation of the type $3^x+3^{2-x}+6 = 0$ is called a/an:	A. Reciprocal equation B. Radical equation C. Exponential equation D. None of these
7	$\sin^2\theta + \cos^2\theta = \underline{\hspace{4cm}}$:	A. $\sin\theta$ B. $\cos\theta$ C. 1 D. 2
8	In equation $5^{1+x}+5^{1-x} = 26$, we put:	A. $5^{2x}=y$ B. $5^{1+x}=y$ C. $5^{1-x}=y$ D. $5^x=y$
9	Sum of the deviations of the variable x from its mean is alwyas....	A. Zero B. One C. Same D. Negative
10	Question Image	C. 1 D. -1
11	The domain of R = {(0, 2), (2, 3), (3, 3), (3, 4)} is:	A. {0, 3, 4} B. {0, 2, 3} C. {0, 2, 4} D. {2, 3, 4}
12	An angle which is equal to 90° is called:	A. right angle B. obtuse angle C. acute angle D. none of these
13	If f is a function from A to B, then f is onto function if:	A. Range f≠ A B. Range f = B C. Dom f = A D. Second element of all ordered pairs contained in f is not repeated.
14	How many tangents can be drawn from a point outside it ?	A. 1 B. 2 C. 3 D. 4
15	Collection of distinct objects.	A. Subset B. Power set C. Set D. None of the

16	In ax^2+b+c, the co-efficient of x is:	A. b B. d C. c D. a
17	The centre of incicle is called:	A. Origin B. Incentre C. Centre D. Fixed point
18	Sum of the deviations of the variable "X" from its mean is always:	A. Zero B. One C. Same
19	To find the public opinion or trend the most suitable statistics is:	A. Mean B. Median C. Mode D. Variance
20	The value of i is equal to:	