

11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
1	The additive inverse of a matrix A is:	A. A B. A ⁻¹ C A D. A ²
2	To convert any angle in degrees into radians, we multiply the measure by:	
3	Question Image	A. c = 0 B. b = 0, c = 0
4	Zero is:	A. a natural number B. a whole number C. a positive integer D. a negativeinteger
5	Question Image	A. 3 B3 C. 1/3 D1/3
6	Question Image	
7	If an angle α is allied to an angle ß, then $\alpha\pm$ ß =:	A. 90° B. multiple of 90° C. 180° D. multiple of 180°
8	A function whose domain is the set of natural numbers is called the:	A. series B. sequence C. means D. convergent
9	The series 2 + 2 + 2 is:	A. divergent B. convergent C. oscillatory D. none of these
10	Rational numbers are:	A. repeating decimals B. terminatingdecimals C. periodicdecimals D. all of these
11	The number of ways in which fiver persons can sit at a round table is:	A. 4! B. 5! D. none of these
12	Question Image	
13	In an A.P.a ₃ = 12 and a ₇ = 32 then d = :	A. 5 B. 3 C. 7 D. 9
14	The period of tan x is:	
15	Question Image	
16	The range of $y = \cos^{-1} x$ function is:	
17	Given tan Θ = 1	A. Θ lies in quadrants 1 and 4 B. $\cos \Theta = \sqrt{2}$
18	{2, 4, 6, 8,} represents the set of:	A. positive odd numbers B. natural numbers C. prime numbers D. positive even numbers
19	In a simultaneous throw of two dice, The probability of getting sum 3 or 11 is:	D. none
20	No. of arrangements of the letters of the word plane taking all letters at a time:	A. 5 B. 1 D. none