

11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
1	Question Image	A. closure property w.r.t multiplication B. commutativeproperty w.r.t multiplication C. associativeproperty w.r.t multiplication D. trichotomy property
2	The general solution of sin x = cos x is:	A. nπ B. 2nπ
3	Conjugate of complex number (-a, -b) is:	A. (-a, b) B. (-a, -b) C. (a, -b) D. none of these
4	Question Image	A. 2x B. x ² C. 1 D. none of these
5	Sum of all positive integral multiples of 3 less than 100 is:	A. 950 B. 760 C. 1230 D. 875
6	The trivial solution of the homogeneous linear equations is:	A. (1, 0, 0) B. (0, 1, 0) C. (0, 0, 1) D. (0, 0, 0)
7	Question Image	
8	Amplitude of sin x is:	A. R B. [-1,1] C. 0 D. 1
9	Question Image	A. c = 0 B. b = 0, c = 0
10	The series 3 + 33 + 333 + is:	A. A.P B. G.P C. H.P D. none of these
11	Question Image	Β. 10π
12	Number of terms in the expansion of (x+y) ⁶ is:	A. 7 B. 6 C. 2 D. 8
13	The range of $y = \cos^{-1} x$ function is:	
14	The number of ways in which fiver persons can sit at a round table is:	A. 4! B. 5! D. none of these
15	A biconditional is written in symbols as:	
16	Question Image	
17	Question Image	D. all of these
18	If s denotes the length of the arc intercepted on a circle of radius r by a central angle of $\boldsymbol{\alpha}$ radians, then:	A. $s = r\alpha$ B. $s = r + \alpha$ D. none of these
19	Question Image	D. i
20	Question Image	A. 30° B. 45° C. 60°