

11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
1	A compound statement of the form "if p then q" is called an:	A. tautology B. conditional C. consequent D. absurdity
2	If set A = {1, 2, 3} and B = {1, 2, 3} then sets A and B are:	A. not equal B. equal C. disjoint D. overlapping
3	In any triangle ABC, law of tangents is:	D. all of these
4	Question Image	A. rational number B. irrational number C. natural number D. whole number
5	The general solution of sin x = cos x is:	A. nπ B. 2nπ
6	Question Image	
7	r ₂ =	
8	The series 3 + 33 + 333 + is:	A. A.P B. G.P C. H.P D. none of these
9	$x^2 - 5x + 6 = 0$ is:	
10	Question Image	A. 0 B1 C. >1 D. none
11	The period of cos 2x is:	
12	π is defined as:	A ration of diameter of a circle to its circumference B. ration of the circumference of a circle to its diameter C. ration of area of a circle to its circumference D. ration of the circumference of a circle to its area
13	The factorial of positive integer is:	A. rational no. B. positive integer C. real no. D. none
14	Question Image	
15	Question Image	A. 5 B5
		C4 D. 4
16	A sequence of numbers whose reciprocal form an arithmetic sequence, is known as:	A. arithmetic sequence B. geometricsequence C. harmonicsequence D. none of these
17	Number of ways of arranging 5 keys in a circular ring is:	A. 12 B. 24 C. 6 D. 5
18	Question Image	
10	If Δ is a matrix of order m x n, then the number of elements in each row of Δ is:	A. m B. n

20 Question Image