

11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
Oi	QUOUIONO	
1	Question Image	A. r ₁ B. r ₂ C. r ₃ D. r
2	With usual notations for triangle R equals:	
3	Question Image	
4	Truth table containing all the values true is called:	A. absurdity B. conjunction C. tautology D. none
5	In triangle ABC, If Γ = 90° then:	D. b = c + a
6	Question Image	A. real numbers B. complexnumbers C. primenumbers D. oddnumbers
7	Question Image	D. diagonal matrix
8	Question Image	A. cos x B. sec x
9	If α , β are complex cube roots of unity, then 1 + α^n + β^n = where n is a positive integer divisible by 3:	A. 1 B. 3 C. 2 D. 4
10	Number of ways of arranging 5 keys in a circular ring is:	A. 12 B. 24 C. 6 D. 5
11	A function $f(x)$ is said to be the periodic function if, for all x in the domain of f, there exists a smallest positive number p such tat $f(x + p) = \underline{\hspace{1cm}}$:	A. f (p) B. x + p C. 0 D. f(x)
12	Question Image	
13	A function whose domain is the set of natural numbers is called the:	A. series B. sequence C. means D. convergent
14	The next term of the sequence-1, 2, 12, 40,is:	A. 112 B. 212 C. 144 D. none
15	A set containing finite number of elements is called:	A. nullset B. superset C. finiteset D. infiniteset
16	Question Image	
17	2 sin 12° sin 46° =	A. cos 34° + cos 58° B. sin 34° - sin 58° C. sin 34° + sin 58° D. cos 34° - cos 58°
18	r ₂ =	
19	Question Image	A. 4 B. 6 C. 8 D. 10
		A. 360

B. 120 C. 366 D. none of these