

11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
1	A dice is thrown. The probability to get an odd number is;	A. 1 D. none of these
2	A matrix of order m×1 is called:	A. row matrix B. column matrix C. identity matrix D. scalar matrix
3	Question Image	
4	If triangle ABC, If ß = 90° then:	D. none of these
5	Question Image	A. r ₁ B. r ₂ C. r ₃ D. r
6	Question Image	A. 1 + cos Θ B. 1 - cos Θ
7	Question Image	
8	The roots of the equation $25x^2$ - $30x + 9 = 0$ are;	A. rational B. irrational C. equal D. complex
9	Question Image	A. set builder notation B. tabular form C. descriptive method D. non-set builder method
10	n! stands for:	A. product of first natural numbers B. sum of n natural numbers C. product of n integers D. none of these
11	With usual notations for triangle R equals:	
12	r ₁ =	
13	If $\sin \alpha = \cos \beta$ in any triangle ABC then:	A. α + β = 90° B. α + β = 180° C. α + β = 360° D. α + β
14	sin5Θ + sin3Θ is equal to:	A. 2cos 2Θ sin Θ B2 cos 4Θ sin Θ C2 sin 4Θ cos Θ D. 2 sin 4Θ cos Θ
15	tan (-135°) =	A. 0 B. 1 D. √2
16	No. of diagonals can be formed by joining the vertices of the polygon having 12 sides?	A. 70 B. 54 C. 70 D. 73
17	The range of $y = sin^{-1} x is$:	
18	Question Image	A. 2 B. 4 C. 6 D. 8
19	If an angle α is allied to an angle \emptyset , then $\alpha\pm\emptyset=$:	A. 90° B. multiple of 90° C. 180° D. multiple of 180°
		A. 0

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