

11th Class ICS Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	In a simultaneous throw of two dice, The probability of getting sum 3 or 11 is:	D. none
2	Probability of an impossible event is:	A. 0 B. 1 C1 D. ∞
3	The value of ${}^5\mathrm{C}_2$ is:	A. 1 B. 10 C. 20 D. 30
4	A dice is thrown. The probability to get an odd number is;	A. 1 D. none of these
5	Probability of a certain event is:	A. 0 B. 1 C. >1 D. ∞
6	The number of diagonals of a polygon with n sides is:	D. none of these
7	$^{n}C_{4}$ = $^{n}C_{8}$ then n = :	A. 4 B. 12 C. 8 D. 6
8	No. of necklaces can be made from 7 beads of different colors ?	A. 360 B. 120 C. 60 D. 70
9	No. of selection of n different things out of n is:	A. 1 B. n C. n! D. none
10	In a simultaneous throw of two dice, The probability of getting a total of 7 is:	
11	No. of diagonals can be formed by joining the vertices of the polygon having 12 sides?	A. 70 B. 54 C. 70 D. 73
12	One card is drawn at random from a pack of 52 cards. The probability that the card drawn a king is:	D. none of these
13	The factorial of positive integer is:	A. rational no. B. positive integer C. real no. D. none
14	A die is rolled. The probability that the dots on the top are greater than 4 is:	A. 5, 6 D. 1
15	No. of signals made by 5 flags of different colors using 3 flags at a time is:	A. 60 B. 15 C. 10 D. None
16	Numbers are formed by using all the digits 1, 2, 3, 4, 5, 6 on digit being repeated, then the numbers which are divisible by 5 are:	A. 110 B. 120 C. 122 D. 124
17	A dice is thrown. The probability to get an even number is:	A. 1 D. none of these
18	No. of triangles can be formed by joining the vertices of the polygon having 12 sides ?	A. 202 B. 220 C. 110 D. none of these
		A. (n+1)! = (n+1)n!

19	For a positive integer n:	B. (n+1)! = (n+1)(n-1)! C. n! = n(n+1)! D. none of these
20	The probability that a number selected from the numbers 1, 2, 3, 4, 5,, 16 is a prime number is:	