11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
1	In binomial expansion of $(a+b)^n$, n is positive integer the sum of odd coefficients equals:	D. none of these
2	Question Image	A. 2x B. x² C. 1 D. none of these
3	The middle term in the expansion of $(1+x)^{1/2}$ is:	A. T₂ B. T₃ C. does not exist D. none of these
4	Question Image	A. T₆ B. T₇ C. T₈ D. T₅
5	The middle terms of $(x+y)^{23}$ are:	A. T₁₀,T₁₁ B. T₁₁,T₁₂ C. T₁₂,T₁₃ D. none of these
6	The middle term of $(x-y)^{18}$ is:	A. 9th B. 10th C. 11th D. none of these
7	The middle term in the expansion of $(a+b)^{20}$ is;	A. 10th term B. 11thterm C. 12thterm D. 13thterm
8	If n is a positive integer, then the binomial co-efficient equidistant form the beginning and the end in the expansion of $(x+a)^n$ are:	A. same B. not same C. additive inverse of each other D. none of these
9	Number of terms in the expansion of $(x+y)^6$ is:	A. 7 B. 6 C. 2 D. 8
10	Number of terms in the expansion of $(a+b)^n$ is:	A. n B. n+1 C. n-1 D. none of these
11	If a statement P(n) is true for n = 1 and truth of P(n) for n = k implies the truth of P(n) for n = k + 1, then P(n) is true for all:	A. integers n B. real numbers n C. positive real numbers n D. positive integers n
12	Question Image	
13	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
14	A dice is rolled, the probability of getting a number which is even or greater than 4 is:	D. none of these
15	In a simultaneous throw of two dice, The probability of getting sum 3 or 11 is:	D. none
16	In a simultaneous throw of two dice, The probability of getting a total of 7 is:	
17	Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn bears a number which is a multiple of 3 ?	D. none of these
18	Question Image	A. 4 B. 6 C. 8 D. 10
19	A dice is thrown. The probability to get an even number is:	A. 1 D. none of these

20	A dice is thrown. The probability to get an odd number is;	A. 1 D. none of these