11th Class FSC Mathematics Chapter 8 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. 2x B. x^2 C. 1 D. none of these
2	The middle term of $(x-y)^{18}$ is:	A. 9th B. 10th C. 11th D. none of these
3	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
4	Number of terms in the expansion of $(x+y)^6$ is:	A. 7 B. 6 C. 2 D. 8
5	The middle terms of $(x+y)^{23}$ are:	A. T_{10}, T_{11} B. T_{11}, T_{12} C. T_{12}, T_{13} D. none of these
6	The middle term in the expansion of $(1+x)^{1/2}$ is:	A. T_2 B. T_3 C. does not exist D. none of these
7	Number of terms in the expansion of $(a+b)^n$ is:	A. n B. n+1 C. n-1 D. none of these
8	In binomial expansion of (a+b)n, n is positive integer the sum of even coefficients equals:	D. none of these
9	In binomial expansion $(a+b)^n$, n is positive integer the sum of coefficients equals:	D. none of these
10	The middle term in the expansion of $(a+b)^{20}$ is;	A. 10th term B. 11th term C. 12th term D. 13th term
11	In binomial expansion of $(a+b)^n$, n is positive integer the sum of odd coefficients equals:	D. none of these
12	Question Image	A. T_6 B. T_7 C. T_8 D. T_5
13	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