

## 11th Class FSC Mathematics Chapter 8 Test Online

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