

11th Class FSC Mathematics Chapter 8 Test Online

Sr	Questions	Answers Choice
1	In binomial expansion of (a+b)n, n is positive integer the sum of even coefficients equals:	D. none of these
2	In binomial expansion (a+b) ⁿ , n is positive integer the sum of coefficients equals:	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
		A. 2x
4	Question Image	B. x ²
		C. 1 D. none of these
5		A. n
	No. 1. The second secon	B. n+1
	Number of terms in the expansion of (a+b) ⁿ is:	C. n-1
		D. none of these
		A. T ₆
6	Question Image	B. T ₇
6	Question inage	C. T ₈
		D. T ₅
		A. same
7	If n is a positive integer, then the binomial co-efficient equidistant form the beginning and	B. not same
	the end in the expansion of $(x+a)^n$ are:	C. additive inverse of each other D. none of these
		A. 10 th term
_	00	B. 11 th term
8	The middle term in the expansion of $(a+b)^{20}$ is;	C. 12 th term
		D. 13 th term
9	In binomial expansion of $(a+b)^n$, n is positive integer the sum of odd coefficients equals:	D. none of these
		A. T ₂
10	The middle term in the expansion of $(1+x)^{1/2}$ is:	B. T ₃
. •	The middle term in the expansion of (11x) is.	C. does not exist
		D. none of these
		A. T ₁₀ ,T ₁₁
11	The middle terms of $(x+y)^{23}$ are:	B. T ₁₁ ,T ₁₂ C. T ₁₂ ,T ₁₃
		C. 1 ₁₂ , 1 ₁₃ D. none of these
40	10	A. 9th B. 10th
12	The middle term of $(x-y)^{18}$ is:	C. 11th
		D. none of these
		A. 7
13	Number of terms in the expansion of $(x+y)^6$ is:	B. 6
.0	number of terms in the expansion of (x+y) is.	C. 2
		D. 8