

11th Class FA Mathematics Chapter 8 Online Test

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 th term B. 11 th term C. 12 th term D. 13 th 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
14	Question Image	
15	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
16	A dice is rolled, the probability of getting a number which is even or greater than 4 is:	D. none of these
17	In a simultaneous throw of two dice, The probability of getting sum 3 or 11 is:	D. none
18	In a simultaneous throw of two dice, The probability of getting a total of 7 is:	
19	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
20	Question Image	A. 4 B. 6 C. 8 D. 10

