11th Class FSC Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	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
2	No. of arrangements of the letters of the word PAKPATTAN can be made, taken all together ?	A. 15130 B. 15120 C. 1512 D. none of these
3	If S is a sample space and event E is S then P(E) is:	A. 0 B. 1 C. >1 D. none
4	No. of signals made by 4 flags of different colors using 2 flags at a time:	A. 6 B. 12 C. 60 D. none
5	How many different number can be formed by taking 4 out of the six digits 1, 2, 3, 4, 5, 6:	A. 360 B. 120 C. 366 D. none of these
6	In how many ways two places can be filled by n objects:	A. n(n-1) B. 2! C. n(n+1) D. None
7	The value of $^5C_2$ is:	A. 1 B. 10 C. 20 D. 30
8	Numbers are formed by using all the digits 1, 2, 3, 4, 5, 6 on digit being repeated, then the numbers which are divisible by 5 are:	A. 110 B. 120 C. 122 D. 124
9	No. of triangles can be formed by joining the vertices of the polygon having 12 sides ?	A. 202 B. 220 C. 110 D. none of these
10	No. of diagonals can be formed by joining the vertices of the polygon having 5 sides ?	A. 5 B. 15 C. 51 D. 10
11	n! stands for:	A. product of first natural numbers B. sum of n natural numbers C. product of n integers D. none of these
12	For a positive integer n:	A. (n+1)! = (n+1)n! B. (n+1)! = (n+1)(n-1)! C. n! = n(n+1)! D. none of these
13	In a simultaneous throw of two dice, The probability of getting a total of 7 is:	
14	If $^nP_2 = 30$ then n = :	A. 5 B. 6 C. 2 D. 3
15	No. of arrangements of the letters of the word PAKISTAN can be made, taken all together ?	A. 21160 B. 20160 C. 20170 D. 20016
16	The number of diagonals of a polygon with n sides is:	D. none of these
17	Question Image	A. 0 B. -1

		C. >1 D. none
18	Number of digits multiple of 5 made from the digits 2, 3, 5, 7, 9 is:	A. 5 B. 24 C. 20 D. none
19	${}^{n}C_{4} = {}^{n}C_{8}$ then n = :	A. 4 B. 12 C. 8 D. 6
20	No. of selection of n different things out of n is:	A. 1 B. n C. n! D. none
21	No. of triangles can be formed by joining the vertices of the polygon having 5 sides ?	A. 10 B. 15 C. 20 D. none of these
22	Number of ways of arranging 5 keys in a circular ring is:	A. 12 B. 24 C. 6 D. 5
23	Probability of a certain event is:	A. 0 B. 1 C. >1 D. ∞
24	A die is rolled. The probability that the dots on the top are greater than 4 is:	A. 5, 6 D. 1
25	No. of diagonals can be formed by joining the vertices of the polygon having 12 sides ?	A. 70 B. 54 C. 70 D. 73
26	No. of arrangements can be made of 4 letters a, b, c, d taken 2 at a time ?	A. 8 B. 12 C. 10 D. 14
27	No. of signals made by 5 flags of different colors using 3 flags at a time is:	A. 60 B. 15 C. 10 D. None
28	A dice is thrown. The probability to get an odd number is;	A. 1 D. none of these
29	The number of ways in which fiver persons can sit at a round table is:	A. 4! B. 5! D. none of these
30	A key ring is an example of:	A. permutation B. circulation permutation C. combination D. none
31	A dice is rolled, the probability of getting a number which is even or greater than 4 is:	D. none of these
32	No. of necklaces can be made from 7 beads of different colors ?	A. 360 B. 120 C. 60 D. 70
33	The factorial of positive integer is:	A. rational no. B. positive integer C. real no. D. none
34	In a simultaneous throw of two dice, The probability of getting sum 3 or 11 is:	D. none
35	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
36	Question Image	A. 4 B. 6 C. 8 D. 10
37	Probability of an impossible event is:	A. 0 B. 1 C. -1 D. ∞

		B.
38	The probability that a number selected from the numbers 1, 2, 3, 4, 5, ..., 16 is a prime number is:	
39	Question Image	
40	A dice is thrown. The probability to get an even number is:	A. 1 D. none of these
41	No. of arrangements of the letters of the word plane taking all letters at a time:	A. 5 B. 1 D. none