Mathematics FA Part 1 Online Test

Sr	Questions	Answers Choice
1	Probability of an impossible event is:	A. 0 B. 1 C. -1 D. ∞
2	A die is rolled. The probability that the dots on the top are greater than 4 is:	A. 5, 6 D. 1
3	The probability that a number selected from the numbers 1, 2, 3, 4, 5, ..., 16 is a prime number is:	
4	Probability of a certain event is:	A. 0 B. 1 C. >1 D. ∞
5	Question Image	A. 0 B. -1 C. >1 D. none
6	If S is a sample space and event E is S then P(E) is:	A. 0 B. 1 C. >1 D. none
7	${}^{n}C_{4} = {}^{n}C_{8}$ then n = :	A. 4 B. 12 C. 8 D. 6
8	The value of ${}^{5}C_{2}$ is:	A. 1 B. 10 C. 20 D. 30
9	The number of ways in which fiver persons can sit at a round table is:	A. 4! B. 5! D. none of these
10	No. of necklaces can be made from 7 beads of different colors ?	A. 360 B. 120 C. 60 D. 70
11	Number of ways of arranging 5 keys in a circular ring is:	A. 12 B. 24 C. 6 D. 5
12	A key ring is an example of:	A. permutation B. circulation permutation C. combination D. none
13	No. of diagonals can be formed by joining the vertices of the polygon having 12 sides ?	A. 70 B. 54 C. 70 D. 73
14	No. of diagonals can be formed by joining the vertices of the polygon having 5 sides ?	A. 5 B. 15 C. 51 D. 10
15	The number of diagonals of a polygon with n sides is:	D. none of these
16	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
17	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
18	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
19	No. of arrangements of the letters of the word PAKISTAN can be made, taken all together ?	A. 21160 B. 20160 C. 20170 D. 20016
20	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