Statistics Ics Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	When each outcome of a sample is as equally likely to occur as any other, the out come are called.	A. Mutually exclusive B. Equally likely C. Exhaustive D. Not mutually
2	If n is the number of elements of a set. the total numebr of subsects of this set in	A. 2n B. n2 C. 2ⁿ D. n
3	Probability of an event cannot be	A. Negative B. Positive C. Zero D. One
4	The probability of vowel letters form the words STATISTIC is.	A. 2/10 B. 3/10 C. 0 D. 4/10
5	${}^{A}P_{3}$is equal to.	A. 3! B. 4! C. 5! D. 6!
6	"P_r can be solved by the formula.	A. N!/ r!(n-r)! B. (n-r)!/r! C. n!(n-r!) D. n!(n-r)!/r!
7	The probability of sure event is:	A. 0 B. 0.5 C. 1 D. Negative
8	In how many ways a team of 4 players be chosen from a total 10 persons.	A. 40 B. 210 C. 5040 D. None of these
9	An experiment which produced different outcomes even if it is repeated a large number of times, under similar conditions is called	A. Event B. Compound event C. Random experiment D. None of these
10	Arrangement of things without regard to order is called.	A. Raw data B. Arrayed data C. Permutation D. Combination
11	Probability of an impossible event is	A. Zero B. Negative C. Positive D. One
12	The provability can never be,	A. 0 B. 1 C. 1/52 D. Negative
13	The conditional probability P(A/B) is given by.	A. (A∩B)/(B) B. P(A∩B)/P(A) C. P(A∩B)/P(B) D. (A∩B)/P(B)
14	The number of terms in the expansion of the binomial $(p+q)^n$ is.	A. n B. n-1 C. n+1 D. 2n
15	${}^{n}P_{r}$ can be solved by the formula	
		A. Equally likely B. Exhaustive

16	If A∪B = S then A and B are _____ events.	C. Compound D. None of these
17	If E a and impossible event, then P(E) is.	A. 0 B. 0.5 C. 1 D. Impossible
18	The probability of drawing a "white" ball from a bag containing 4 red, 8 black and 3 with balls is:	A. 0 B. 3/15 C. 1/15 D. 2/15
19	There sets on a sofa can be occupied by four persons in.	A. 12 ways B. 7 ways C. 24 ways D. None of these
20	A coin is tossed 3 times then, then number of sample points in the sample space is:	A. 2³ B. 3 C. 8 D. Both A & C