

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	Probability of an event cannot be	A. Negative B. Positive C. Zero D. One
3	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
4	The provability can never be,	A. 0 B. 1 C. 1/52 D. Negative
5	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
6	A fair aid is rolled, the sample space consists of:	A. 2 outcomes B. 6 outcomes C. 36 outcomes D. None of these
7	The probability of a 'Jack' Card form 52 playing card is:	A. 1/52 B. 4/52 C. 13/52 D. 26/52
8	The numebr of ways in whihc four books can be arranged on a shelf is.	A. 4 B. 6 C. 24 D. 12
9	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
10	If a player well shuffles the pack of 52 playing card, then the probability of a black card form 52 playing cards is:	A. 1/52 B. 13/52 C. 26/52 D. 4/52
11	How many possible permutations can be formed from the wood COMMITTEE.	A. 45360 B. 9 C. 6 D. None of them
12	Probability of a sure event is	A. Zero B. Less than one C. Greater than one D. One
13	"P _r can be solved by the formula.	A. $\frac{n!}{r!(n-r)!}$ B. $\frac{(n-r)!}{r!}$ C. $\frac{n!(n-r)!}{r!}$ D. $\frac{n!(n-r)!}{r!}$
14	A coin is tossed 3 times then, then number of sample points in the sample space is:	A. 2^3 B. 3 C. 8 D. Both A & C
15	Probability of an impossible event is	A. Zero B. Negative C. Positive D. One

16	${}^A P_3$ is equal to.	A. 3! B. 4! C. 5! D. 6!
17	${}^n P_r$ can be solved by the formula	
18	The conditional probability $P(A/B)$ is given by.	A. $(A \cap B)/(B)$ B. $P(A \cap B)/P(A)$ C. $P(A \cap B)/P(B)$ D. $(A \cap B)/P(B)$
19	Subset of sample space is called	A. Event B. Simple event C. Compound event D. Experiment
20	The number of terms in the expansion of the binomial $(p+q)^n$ is.	A. n B. n-1 C. n+1 D. 2n