

Statistics Ics Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	If two events cannot occur together they are said to be.	A. Independent B. Dependent C. mutually exclusive D. Equally likely
2	If E a and impossible event, then P(E) is.	A. 0 B. 0.5 C. 1 D. Impossible
3	The numebr of ways in whihc four books can be arranged on a shelf is.	A. 4 B. 6 C. 24 D. 12
4	Probability of an event cannot be	A. Negative B. Positive C. Zero D. One
5	$P(A \text{ or } B) = P(A \cup B) = P(A) + P(B)$ then A and B are.	A. Mutually exclusive B. Independent events C. Not mutually exclusive D. Dependent
6	$P(A/B)$ can be evaluated by formula	A. $\frac{P(A \cap B)}{P(B)}$ B. $\frac{P(A \cap B)}{P(A)}$ C. $\frac{P(A \cup B)}{P(B)}$ D. $\frac{P(A \cup B)}{P(A)}$
7	Arrangement of things without regard to order is called.	A. Raw data B. Arrayed data C. Permutation D. Combination
8	A non-orderly arrangement of things is called	A. Combination B. Permutation C. Collection D. Sample Space
9	Two events A and B are mutually exclusive if $P(A \cup B) =$	A. $P(A) - P(B)$ B. $P(A) + P(B)$ C. $P(A)P(B) - P(A \cup B)$ D. $P(A) + P(B) - P(A \cup B)$
10	How many possible permutations can be formed from the word COMMITTEE.	A. 45360 B. 9 C. 6 D. None of them

11	The probability of sure event is:	A. 0 B. 0.5 C. 1 D. Negative
12	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
13	${}^n C_r$ is calculated by formula	
14	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
15	${}^4 C_5 = \dots\dots\dots$	A. 5 B. 1/5 C. 0 D. None of these
16	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. $(A \cap B)/P(B)$
17	${}^n P_r$ can be solved by the formula.	A. $n! / r!(n-r)!$ B. $(n-r)!/r!$ C. $n!(n-r)!$ D. $n!(n-r)!/r!$
18	${}^A P_3$ is equal to.	A. 3! B. 4! C. 5! D. 6!
19	${}^n P_r$ can be solved by the formula	
20	The provability can never be,	A. 0 B. 1 C. 1/52 D. Negative