

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	If $A \cup B = S$ then A and B are _____ events.	A. Equally likely B. Exhaustive C. Compound D. None of these
2	" $P_r$ can be solved by the formula.	A. $N! / r!(n-r)!$ B. $(n-r)!/r!$ C. $n!(n-r)!$ D. $n!(n-r)!/r!$
3	Subset of sample is called:	A. Simple event B. Compound event C. Experiment D. Event
4	If two events cannot occur together they are said to be.	A. Independent B. Dependent C. mutually exclusive D. Equally likely
5	The provability can never be,	A. 0 B. 1 C. 1/52 D. Negative
6	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. $(A \cap B)/P(B)$
7	$P(A \text{ or } B) = P(A \cup B) = P(A) + P(B)$ then A and B are.	A. Mutually exclusive B. Independent events C. Not mutually exclusive D. Dependent
8	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
9	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
10	The probability of a 'Jack' Card form 52 playing card is:	A. 1/52 B. 4/52 C. 13/52 D. 26/52
11	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
12	The probability of vowel letters form the words STATISTIC is.	A. 2/10 B. 3/10 C. 0 D. 4/10
13	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
14	The probability of sure event is:	A. 0 B. 0.5 C. 1 D. Negative
15	If E a and impossible event, then $P(E)$ is.	A. 0 B. 0.5 C. 1 D. Impossible

16	A fair aid is rolled, the sample space consists of:	A. 2 outcomes B. 6 outcomes C. 36 outcomes D. None of these
17	Geometric mean of the relative is.	A. Reversible B. None - Reversible C. Both A and B D. None of these