Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	The sum of absolute deviations is a minimum if these deviations are taken from the	A. Mean B. Mode C. Median D. All of these
2	An expected value of a random variable is equal to its.	A. Variance B. B.D. C. Mean D. Co - Variance
3	A set representing all possible out comes of a random experiment is called	A. Sample space B. Universal set C. Simple event D. Random experiment
4	Subset of sample is called:	A. Simple event B. Compound event C. Experiment D. Event
5	The number 5.56500 rounded off to nearest hundredth is.	A. 5.57 B. 5.56 C. 6.00 D. 5.00
6	50th percentile is also called as	A. Mean B. Mode C. Average D. Median
7	The number of ways in which a person enters by oe door and leaves by a different door in a room with three doors is.	A. 6 B. 9 C. 5 D. None of these
8	The mid point of group 5.5 - 7.5 is.	A. 6 B. 7 C. 7.5 D. 6.5
9	The estimate of population means is represented by	A. μ D. Ψ
10	The number 5.0435001 rounded off to nearest thousandth is.	A. 5.043 B. 5.044 C. 5.050 D. 5.000
11	If the probability of success p = 0.4 for a parability Beronouli trial, the expression 7!/3!4! $(0.4)2$ $(0.6)2$ given the probility of getting.	A. Exactly three sucoseeson in seven trials B. Exactlyfour successin seven trials C. Three or more successes in seven trials D. Four or more successes in seven trials.
12	Is a symmetrical distribution.	A. Q1 = Q3 B. P25 = P50 = P75 C. A.M = G.M = H.M D. A.M = Med = Mode
13	When the base year values are used as weights, the weighted average of relatives price index is the same as.	A. the paache's index B. The laspeyres index C. The unweighted average of relatives price index D. None of these
14	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.

15	In which distribution the successive trials are without replacement.	A. Hypergometric distribution B. Bionomial dristribution C. Continuous distribution D. None of these
16	The simplest form of the continuous distribution is the.	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
17	Which one of the following is not effected by extreme values	A. mean B. median C. mode D. both (a) and (b)
18	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
19	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. $P(A) + P(B) - P(A \cup B)$
20	The parameters of the binomial distributions are	A. x and n B. x and p C. p and q D. n and p