Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	If Laspeyres index = 104.5, Paasche's index = 107.9, then, Fisher's ideal index is equal to:	A. 100 B. 104.1 C. 106.2 D. 110.2
2	If N = 40, n = 5, k = 4, then mean of hypergeometic distribution is.	A. 1 B. 1/2 C. 1/4 D. 1/3
3	Which of the following case is true for hypergeometric distribution.	A. Probability remains constant for all trials B. Probability changes C. successive trials are dependent D. Both (B) and (C) but not (A)
4	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
5	The most popular measure of dispersion in industry and meteorology is.	A. Range B. Quartile deviation C. Mean deviation D. Standard deviation
6	When two coins are tossed simulataneously the probability of at most one head is.	A. 1/2 B. 1/4 C. 3/4 D. None of these
7	M.D. of the values 4,4,4,4 is	A. 0 B. 4 C. 8 D. 12
8	The changes in whole sale or retail price are studies in	A. Price index numbers B. Volume index numbers C. Aggregate index numbers D. Chain index numbers
9	Statistics is a characteristics calculated from.	A. Sample data B. Fictitious data C. Arrayed data D. Population data
10	Give classes, 1 - 6, 6 - 10...... class interval is.	A. 5.5 B. 3 C. 4 D. 5
11	The probability of a continuous random variable at x = a is ---------------	A. One B. Zero C. Between 0 and 1 D. More than one
12	When three coins are tossed simulatneously, P(3 heads) is.	A. 3/8 B. 1/2 C. 1/8 D. 1/4
13	Which of the following is a relatie measure of dispersion.	A. Standard deviation B. Variance C. Coefficient of variation D. All of these
14	Binomial distribution is used when n is	A. Large B. Small C. Negative D. Zero
15	The sum of square of deviations of the observations from their mean is	A. Minimum B. Maximum C. Zero

16	The consumer price index number is also called.	A. The cost of living index number B. The retail price index number C. The wholsale price index number D. Both a and b
17	A person can choose a tie and a suit form 3 suits ad 5 ties in	A. 8 ways B. 15 ways C. 30 ways D. None of these
18	First moment about mean is always equal to	A. One B. Negative C. Zero D. Positive
19	If all the value of have equal importance,then we have to assigned certain values is such index number are called.	A. Weighted index number B. Un-weighted index C. Both A and B D. Average
20	In a symmetrical distribution Q_1 = 20, Median = 30 the Q_3 is:	A. 50 B. 40 C. 30 D. 60