Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	The mean of binomial distribution is always:	A. Equal to variance B. Less than variance C. Greater then variance D. None of the these
2	Standard deviation is always calculate form:	A. Mean B. Median C. Mode D. All of the above
3	Range of the ungroup data can be calculate by formula.	A. $X_m - X_m$ B. $X_m - X_0$ C. X_0 D. $X_0 - X_m$
4	Second moment about mean is called	A. Standard deviation B. Mean deviation C. Variance D. Coefficient of variation
5	Consumer price indexis obtained by.	A. Paache's formula B. Marshall Edgeworth formula C. Fisher's ideal formula D. Family Budget Method formula
6	Probability of an event cannot be	A. Negative B. Positive C. Zero D. One
7	If X and Y are random varaibes, than $E(X - Y)$ is equal to.	A. $E(X) + E(Y)$ B. $E(X) - E(Y)$ C. $X - E(Y)$ D. $E(X) - Y$
8	If a is a constant then $E(a)$ is equal to	A. a B. Square of a C. Zero D. 2a
9	Mode of the sereis 2,2,2,3,3,3,2,3,3,4 is.	A. 3 B. 2 and 3 C. 4 D. None of these
10	For discrete random variable 'X' the expectation of X I-e E(x) is equal to:	A. $\Sigma p(x)$ B. $\Sigma x p(x)$ C. $\Sigma x^2 p(x)$ D. One
11	Random numbers are generated from the single digit numbers.	A. { 1,2,3,............. 10 } B. { 0, 1,2,....................... 10} C. { 0,1,2.............} D. {0,1,2,............. 9}
12	When a pair of dice is rolled, the sum of upperemost dots vary from.	A. 0 to 10 B. 1 to 11 C. 2 to 19 D. 2 to 12
13	If data is arranged in increasing order of magnitude that data is scald to be arranged in:	A. Descending order B. Ascending order C. Statistic order D. Both A and B
14	A random variable is also called.	A. Chance variable B. Stochastic variable C. Discrete variable D. Both A and B
15	50th percentile is also called as	A. Mean B. Mode C. Average D. Median

16	For a binomial probability distribution: n = 10 & the probability of failure (q =0.6), then mean of the distribution is .	A. 0.6 B. 6.0 C. 10 D. 4
17	Which index number has a wide soope	A. Special B. General C. Price D. Quantity
18	When X denotes the number of success in binomial experiment, it is called.	A. Random variable B. Binomial random variable C. Continuous random variable D. Both (B) and (C) but not (A)
19	Binomial distribution is positive skewed when	A. p > q B. p = q C. p < q D. p = 1/2
20	Tossing two dice possble sampes are.	A. 2 B. 6 C. 12 D. 36