



Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	The positive square root of the mean of the squares of deviations of values from their mean is	A. Variance B. Covariance C. Standard deviation D. Standard error
2	Mean deviation is always.	A. More than S.D. B. Equal to S.D. C. Less than S.D. D. None of these
3	The parameters of binomial distribution are	A. p and q B. q and n C. n and p D. n, p, q
4	The mean deviation can never be	A. Positive B. Negative C. Zero D. None of these
5	$F(-\infty)$ is always equal to.	A. Zero B. One C. Two D. Negative one
6	In binomial experiment successive trials are:	A. Dependent B. Independent C. May be independent or dependent D. None of these
7	Median divides the data into	A. 2 parts B. 3 parts C. 4 parts D. 10 parts
8	Mean, Median and mode of binomial distribution can be equal if	B. $P < q < \frac{1}{2}$ C. $P > q > \frac{1}{2}$ D. $P < q < \frac{1}{2}$
9	If $Q_3 = 20$ and $Q_1 = 10$ the coefficient of quartile deviation is.	A. 3 B. $\frac{1}{3}$ C. $\frac{2}{3}$ D. 1
10	The mean is affected by	A. Change of origin B. Scale of measurement C. Both a and b D. None of these
11	How many possible permutations can be formed from the word COMMITTEE.	A. 45360 B. 9 C. 6 D. None of them
12	The most frequent value of the data if it exists is.	A. A.M B. G.M C. Mode D. Median
13	When two dice are rolled, the maximum total on the two faces of dice will be.	A. 2 B. 6 C. 12 D. 36
14	Which is the most suitable average in chain base method.	A. Arithmetic mean B. Median C. Geometric mean D. Weighted arithmetic mean

15	If $\bar{x} = 10$ and $Y = 5 + 2x$, then \bar{Y} is.	B. 10 C. 25 D. 15
16	The data about the sex of new babies is called:	A. Continuous data B. Qualitative data C. Quantitative data D. Discrete data
17	If x and y are independent random variables, $E(xy)$	A. $E(XY)$ B. $x E(y)$ C. $E(XY)$ D. $E(X) \cdot E(Y)$
18	In symmetrical distribution mean, median & mode are always.	A. zero B. negative C. Different D. Equal
19	The mean is based on.	A. Small values B. Extreme values C. All the values D. Large values
20	Which of the following indices satisfies both the time reversal and factor reversal tests.	A. Fisher's method B. Paasche's method C. Laspeyres method D. None of these