

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	The number of terms in the expansion of the binomial $(p+q)^n$ is.	A. n B. n-1 C. n+1 D. 2n
2	In which distribution the successive trials are without replacement.	A. Hypergeometric distribution B. Binomial distribution C. Continuous distribution D. None of these
3	The graph of the symmetrical distribution is	A. bell shaped B. U - shaped C. J- shaped D. None of these
4	A relative frequency distribution presents frequencies in terms of	A. Fractions B. Whole numbers C. Percentages D. Both a and c but not b
5	Which is the following measures cannot be calculated for the numbers 5,8, 12,6, 9, 13, 10	A. Median B. Mean C. Mode D. None of these
6	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)
7	If x is a random variable with $E(x) = 5$ then $E(3x - 2) =$	A. 0 B. 1 C. 13 D. 15
8	The data which have already been collected by some one are called.	A. Secondary data B. Primary data C. Arrayed data D. None of these
9	$Y_3 + Y_4 + \dots + Y_{15} =$	A. $\sum_{i=1}^{15} Y_i$ B. $\sum_{i=3}^{15} Y_i$ C. $\sum_{i=3}^{15} Y_i$ D. $\sum_{i=3}^{15} Y_i$
10	The whole issue of descriptive and inferential statistic can be described with the help of.	A. Statistical analysis B. Statistic C. Statistical problem D. Statistical steps
11	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
12	Each trial of binomial experiment results in an outcome which can be classified in two categories	A. Head or tail B. Ace or six C. Success and failure D. None of these
13	Numebr of accidents recorded yesterday n Lahore is a.	A. Discrete variable B. Continuous variable C. Qualitative variable D. Constant
14	A statistic which is not measurable is called.	A. A constant B. An attribute C. A variable D. A parameter

15	A hypergeometric random variable is a (an)	A. Independent variable B. Continuous random variable C. Discrete random variable D. None of these
16	Co-efficient of standard deviation can be measured by the following formula	
17	Commodities subject to considerable price variation should best be measured by	A. Quantity index B. Price index C. Value index D. None of these
18	$E(y - \mu)$ is equal to	A. $E(y)$ B. $y - \mu$ C. zero D. y
19	Which of the following is not based upon all the observations.	A. A.M B. G.M C. H.M D. Mode
20	β_1 is a quantity	A. Dimensional B. Dimension less C. Positive D. Negative