

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	The expected value of a discrete random variable is.	A. Always an integer B. Always one of the values that the random variable can assume C. An interval of values D. None of these
2	In binomial each trial has	A. One outcome B. Two outcomes C. Three outcomes D. Four outcomes
3	Tabulation means, the process of arranging the data into.	A. Different classes B. Rows C. Columns D. Rows & columns
4	Which one of the following is not affected by extreme values	A. mean B. median C. mode D. both (a) and (b)
5	A set representing all possible outcomes of a random experiment is called	A. Sample space B. Universal set C. Simple event D. Random experiment
6	When a die and a coin are rolled together all possible outcomes are.	A. 2 B. 6 C. 12 D. 36
7	The parameters of binomial distribution are	A. p and q B. q and n C. n and p D. n, p, q
8	If a Venn diagram is drawn for events A and B which are mutually exclusive, which of the following would always be true of A and B.	A. Their parts of the rectangle will overlap B. Their parts of the rectangle will be equal in area C. Their parts of the rectangle will not overlap D. None of these
9	The number of terms in the expansion of the binomial $(p+q)^n$ is.	A. n B. n-1 C. n+1 D. 2n
10	A numerical characteristic of a sample is called.	A. Parameter B. Variable C. Sample D. Statistics
11	Which is the suitable average for calculating the average price at which articles are sold.	A. Geometric mean B. Arithmetic mean C. Harmonic mean D. Mode
12	Index numbers are called:	A. Mathematical barometer B. Economic barometer C. Statistical barometer D. Both A and C
13	Binomial distribution is positively skewed	A. $P \leq 1/2$ B. $P > 1/2$ C. $P = 1/2$ D. $P \leq q$ and $P > 1/2$
14	${}^4C_5 = \dots\dots\dots$	A. 5 B. 1/5 C. 0 D. None of these

15	Which of the following price indices are prepared by Federal Bureau of Statistics.	A. Wholesale price index B. Consumer price index C. Sensitive price indicator D. All of these
16	The grouped data is.	A. Primary B. Secondary C. Raw data D. None of them
17	Primary data are same:	A. Group B. Ungroup C. Random D. None of these
18	Which of the following is not based upon all the observations.	A. A.M B. G.M C. H.M D. Mode
19	What is the probability that a value chosen at random from a particular population is larger than the median of the population.	A. 0.25 B. 0.5 C. 1.0 D. 0.67
20	In a binomial distribution	A. $\mu = \sigma^2$ B. $\mu < \sigma^2$ C. $\mu > \sigma^2$ D. $\mu = 1 - \sigma^2$