

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	The simplest form of the continues distribution is the	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
2	the standard deviation is independent of.	A. Change of origin B. Change of scale of measurement C. Change origin and scale of measurement D. None of these
3	Which one of the following is not effected by extreme values	A. mean B. median C. mode D. both (a) and (b)
4	$Q_2 = \text{Median}$	A. $P_{25} < P_{50} < P_{75}$ B. $P_{20} < P_{50} < P_{75}$ C. $P_{50} < P_{20} < P_{75}$ D. $P_{75} < P_{20} < P_{50}$
5	If x is a random variable with $E(x) = 5$ then $E(3x - 2) =$	A. 0 B. 1 C. 13 D. 15
6	In constructing a frequency distribution for a sample, the number of classes depends on.	A. The number of data points B. The range of the data collected C. The size of the population D. Both a and b but not c
7	The section of table that contains the column caption is called.	A. Stub B. Body C. Box plot D. Box head
8	The number of trial in binomial distribution is.	A. Not fixed B. Fixed C. Large D. Small
9	Laspeyres index number is also called as:	A. Base year weight index number B. Current year weight index number C. Ideal index number D. Fisher index number
10	In which distribution the probability of success remains constant from trial to trial	A. Hypergeometric distribution B. Binomial distribution C. Sampling distribution D. Continuous distribution
11	If the chance of occurrence of two events are same then such events are called	A. Independent events B. Dependent events C. Mutually exclusive events D. Equally likely events
12	In a skewed distribution the three averages mean, median & mode are.	A. identical B. different C. 0 D. equal 1
13	Mean, Median and mode of binomial distribution can be equal if	B. $P < q$ C. $P > q$ D. $P = q$
14	A set representing all possible outcomes of a random experiment is called	A. Sample space B. Universal set C. Simple event D. Random experiment

15 Mode 2, 10 and 7 is.
A. 2
B. 7
C. 10
D. None of these

16 A fair coin is tossed four times the probability of getting four heads is
A. $1/4$
B. $1/2$
C. $1/16$
D. 1

17 Question Image

18 The sum of probabilities of events of a sample space is always.
A. Equal
B. Discrete
C. Continuous
D. Always greater than one

19 Probability distribution of a continuous random variable can be presented by
A. tabular form
B. Formula
C. Curve
D. None of these

20 The mean is based on.
A. Small values
B. Extreme values
C. All the values
D. Large values