

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	First central moment is always.	A. 0 B. 1 C. -1 D. 2
2	How many methods are used for the collection of data.	A. 1 B. 2 C. 3 D. 4
3	$Q_2$ = Median	A. $P_{20}$ B. $P_{50}$ C. $P_{75}$ D. $P_{100}$
4	If the random variable x denotes the number of heads of when three distinct coins are tossed k the X assumes values.	A. 0,1,2,3 B. 1,3,3,1 C. 1,2,3 D. 1,1,1,1
5	If the mean is less than mode, the distribution is.	A. Positively skewed B. Negatively skewed C. Symmetrical D. None of these
6	If $A \cup B = S$ then A and B are _____ events.	A. Equally likely B. Exhaustive C. Compound D. None of these
7	In pie diagram, the sector of a circle is obtained by.	A. Component part / total $\times$ 300 B. Component part / total $\times$ 180 C. Component part / total $\times$ 360 D. None of these
8	If the value of a variable are -2, -3, -5, -10 then range is.	A. -12 B. 8 C. -8 D. 0
9	The binomial distribution is negatively skewed if	A. $P < 1/2$ B. $P = 1/2$ C. $P > 1/2$ D. $P = 1$
10	Graphs of frequency distributions are used because.	A. they have a long history in practical applications B. They attract attention to data pattern C. They account for biased or incomplete data D. None of thses
11	teh most frequent value of the data if it exists is.	A. A.M B. G.M C. Mode D. Median
12	The variance of binomial distribution is	A. np B. nq C. npq D. pq
13	The frequency of a class divided by total frequency is called.	A. Class frequency B. Cumulative C. Relative frequency D. Total frequency
14	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

		D. None of these
15	For computing chain index , we compute	A. Price relative B. Link relative C. Weighted indices D. None of these
16	Sample mean is an	A. Estimated statistic B. Updating statistic C. Biased statistic D. Unbiased statistic
17	If the values in a series are not of equal importance, we compute the.	A. Median B. Mean C. Weighted mean D. Harmonic mean
18	Consumer price index is obtained by.	A. Paasche's formula B. Marshall Edgeworth formula C. Fisher's ideal formula D. Family Budget Method formula
19	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
20	Two methods of data arrangement are	A. Array and frequency distribution B. Frequency distribution and histogram C. Array and frequency polygon D. Histogram and array