

Statistics Ics Part 1 Online Test

| Sr | Questions | Answers Choice |
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| 1 | A binomial random variable can assume the values | A. 1,2.....n B. 0,1,2.....00 C. 0,1,2.....n D. 2,4,6,8,10 |
| 2 | For negatively skewed distribution mean _____ median _____ mode. | A. = B. < C. > D. None to these |
| 3 | Which is the most suitable average in chain base method. | A. Arithmetic mean B. Median C. Geometric mean D. Weighted arithmetic mean |
| 4 | The data about the weights of plants: | A. Discrete data B. Qualitative data C. Continuous data D. Quantitative data |
| 5 | If X and Y are independent, then Var (X-Y) is equal to. | A. Var (X) + Var (Y) B. Var (X) - Var (Y) C. Var (X+ Y) D. Zero |
| 6 | When statistics is applied in Biology then it is called: | A. Econometrics B. Statistical inference C. Statistical biology D. Biometry |
| 7 | If $y = -7x$ then $E(y) = \dots\dots\dots$ | A. $E(x)$ B. $-7X$ C. $-7E(X)$ D. Zero |
| 8 | Second moment about mean is called | A. Standard deviation B. Mean deviation C. Variance D. Coefficient of variation |
| 9 | 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 |
| 10 | If all values considered in calculating an index are of equal importance, the index is | A. Weighted B. Simple C. Un weighted D. None of these |
| 11 | If x is discrete random variable, then the function f (x) is. | A. A probability function B. A density function C. A probability density function D. A distribution function |
| 12 | The data which have not undergone any statistical treatment are. | A. Primary data B. Secondary data C. Qualitative data D. Discrete data |
| 13 | Second moment about mean is. | A. 0 B. 1 C. variance D. Standard deviation |
| 14 | The range of the value -2, -4, -6 and -8 is. | A. -6 B. 6 C. -10 D. -4 |
| 15 | First moment about mean is always equal to. | A. Standard deviation B. Zero C. 1 D. Variance |

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| 16 | Question Image | A. 4/10 B. 2/10 C. 1/10 D. 0 |
| 17 | The probability distribution of discrete random variable is called is | A. Frequency distribution B. Probability distribution C. Probability mass function D. Both (a) and (b) |
| 18 | Give classes, 1 - 6, 6 - 10..... class interval is. | A. 5.5 B. 3 C. 4 D. 5 |
| 19 | The probability of drawing two acea from apack of 52 cards with replacement is. | A. 1/169 B. 1/10 C. 1/4 D. 1/256 |
| 20 | In which of these cases would the mode be most useful as an indicator of central tendency. | A. Every value in a data set occurs exactly once B. All but three values in a data set occur once, three valeus occur 5 times each C. All values in a data set occur 10 times each D. Every observation in a data set has the same value. |