

Statistics Ics Part 1 Online Test

| Sr | Questions | Answers Choice |
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| 1 | The life time of fans, data is. | A. Discrete B. Continuous C. Unchanged D. Qualitative |
| 2 | If Laspeyres index = 104.5, Paasche's index = 107.9, then, Fisher's ideal index is equal to: | A. 100 B. 104.1 C. 106.2 D. 110.2 |
| 3 | The data about the sex of new babies is called: | A. Continuous data B. Qualitative data C. Quantitative data D. Discrete data |
| 4 | The binomial distribution is negatively skewed if. | A. $p < 1/2$ B. $p = 1/2$ C. $p > 1/2$ D. $p = 1$ |
| 5 | A numerical characteristics of a sample is called. | A. Parameter B. Variable C. Sample D. Statistics |
| 6 | In binomial distribution it is impossible to find | A. $P(x < L)$ B. $P(x=0)$ C. $P(x > 0)$ D. $P(0 < x < L)$ |
| 7 | Index number of the year text to the base year can be shown as | A. Q_{n-1} B. Q_n C. Q_{n-1} D. Q_{n+1} |
| 8 | Colour of hair is a | A. Continuous variable B. Discrete variable C. Qualitative variable D. Quantitative variable |
| 9 | The minimum classes may be determine by formula. | A. $C = 1 + 3 \log(n)$ B. $c = \sqrt{n}$ C. $X_m - X_0$ D. Both A and B |
| 10 | The parameters of binomial distribution one | A. p and q B. q and n C. n and p D. n,p,q |
| 11 | The mid value of the arrayed data is called | A. Median B. Mode C. Mean D. Geometric mean |
| 12 | 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) |
| 13 | Which of the following is written at the bottom of the table: | A. Sources note B. Foot note C. Prefatory note D. Both A and B |
| 14 | Which is appropriate average for finding the average speed of a journey. | A. Mean B. Geometric mean C. Harmonic mean D. Arithmetic mean |

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| | | <p>C. Harmonic mean</p> <p>D. Weighted mean</p> |
| 15 | The ratio of A to B is the fraction: | <p>A. $B/A + B$</p> <p>B. A/B</p> <p>C. $\frac{B}{A+B}$</p> <p>D. $A/A + B$</p> |
| 16 | Which one is not an example of random experiments. | <p>A. A coin is tossed and the outcome is either a head or a tail</p> <p>B. A six sided die is rolled</p> <p>C. All medical insurance claims received by a company in a given year.</p> <p>D. Some one of person will be admitted to a hospital emergency room during any hour.</p> |
| 17 | The difference between the upper and the lower boundaries of a class are known as: | <p>A. class marks</p> <p>B. class intensive</p> <p>C. class frequency</p> <p>D. class limit</p> |
| 18 | For a binomial probability distribution: $n = 10$ & the probability of failure ($q = 0.6$), then mean of the distribution is . | <p>A. 0.6</p> <p>B. 6.0</p> <p>C. 10</p> <p>D. 4</p> |
| 19 | The coins are tossed, the probability of two tails is equal to. | <p>A. $1/2$</p> <p>B. $1/4$</p> <p>C. $3/4$</p> <p>D. 1</p> |
| 20 | When two dice are rolled, the maximum total on the two faces of dice will be. | <p>A. 2</p> <p>B. 6</p> <p>C. 12</p> <p>D. 36</p> |