

## Statistics Ics Part 1 Online Test

| Sr | Questions  | Answers Choice   |
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| 1  | Tossing two dice possble sampes are.   | A. 2<br>B. 6<br>C. 12<br>D. 36   |
| 2  | A random variable is also called.  | A. Chance variable B. Stochastic variable C. Discrete variable D. Both A and B                                 |
| 3  | The S.D. of 8,8,8,8,8, is.   | A. 8 B. (8) <sup>2</sup> C. zero D. 5  |
| 4  | The sum of square of deviations of the observations from their mean is   | A. Minimum B. Maximum C. Zero D. None of these   |
| 5  | Numebr of accidents recorded yesterday n Lahore is a.  | A. Discrete variable     B. Continuous variable     C. Qualitative variable     D. Constant                    |
| 6  | How many methods are used for the collection of data.  | A. 1<br>B. 2<br>C. 3<br>D. 4   |
| 7  | Which is the suitable average for calculting average percent increase in population.                                 | A. Median B. Geometric mean C. Mean D. Harmonic mean   |
| 8  | The probability of getting two red balls with replacement from a bag containing 4 red, 3 white and 3 black balls is. | A. 4/25<br>B. 1/25<br>C. 9/100<br>D. 2/25  |
| 9  | An expected value of a random variable is equal to its.  | A. Variance B. B.D. C. Mean D. Co - Variance   |
| 10 | If x is a continuous random vriable, then the function f (x) is.   | A. A probability function     B. A probability denaity function     C. A density function     D. Both b and c  |
| 11 | A hypergometric random variable is a (an)  | A. Independent variable     B. Continuous random variable     C. Discrete random variable     D. None of these |
| 12 | Proportion is the always equal to 1.   | A. Less then or B. Always greater C. Greater then or D. Zero   |
| 13 | If $(E(X) = E$ than find arithmetic means will be.   | A. 1<br>B. 4<br>C. 0<br>D. 8   |
| 14 | The number 136.500 rounded off to nearest unit is.   | A. 136<br>B. 137<br>C. 136.5<br>D. 136.0   |
| 15 | If a curve has a longer tail to the left . it is called a.   | A. Symmetrical curve B. Positive skewed curve C. Negatively skewed curve D. None of these                      |

| 16 | The most frequent value of the data is called  | A. Median B. Mode C. Mean D. H.M  |
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| 17 | A fair coin tossed four times, the probability of getting four heads is.   | A. 1<br>B. 1/4<br>C. 1/2<br>D. 1/10   |
| 18 | If the probability of success $p=0.4$ for a parability Beronouli trial, the expression $7!/3!4!$ $(0.4)2$ $(0.6)2$ given the probility of getting. | A. Exactly three sucoseeson in seve trials B. Exactlyfour successin seven trials C. Three or more successes in seve trials D. Four or more successes in seven trials. |
| 19 | the phase of statistics that is concerned with the procedures and methodology for obtaining valid conclusions is called.                           | A. Descriptive staticis     B. Deductive statistics     C. Inferential statistics     D. Sample statistics  |
| 20 | Data in the population Census Reports are.   | A. Ungrooped data B. Secondary data C. Primary data D. Arrayed data   |