# Statistics Ics Part 1 Online Test

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | How many basic types of index numbers. | A. 2<br>B. 3<br>C. 4<br>D. 5 |
| 2 | The numbered balls are paced in an urn, Numbers 1- 4 are red and numbers 5 -10 are blue. the probability that a ball drawn at random from the run is blue is. | A. 0.1<br>B. 0.4<br>C. 0.6<br>D. 1.0 |
| 3 | In binomial distribution it is impossible to find | A. P(x L)<br>B. P(x=0)<br>C. P(x > 0)<br>D. P(0≤ x≤∞) |
| 4 | The probability of red card out of 52 cards is. | A. 1/4<br>B. 1/2<br>C. 4/52<br>D. zero |
| 5 | Which of the following methods uses quantities consumed in the base period when computing a weighted index. | A. Laspeyree'method<br>B. Paasche's method<br>C. Fisher's method<br>D. None of these |
| 6 | First moment about mean is always equal to | A. One<br>B. Negative<br>C. Zero<br>D. Positive |
| 7 | The value of standard deviation changes by change of. | A. Origin<br>B. Algebraic sign<br>C. Scale<br>D. None |
| 8 | The parameters of the binomial distributions are | A. x and n<br>B. x and p<br>C. p and q<br>D. n and p |
| 9 | The expected value of a discrete random variable is. | A. Always an integer<br>B. Always one of the values that the random variable can assume<br>C. An interal of values<br>D. None of these |
| 10 | The Area of trapezoid is equal to: | A. sum of paralled sides x base<br>B. sum of paralled sides x base/2<br>C. 2 x base x sum of paralled side <br>D. Sum of paralled sides x base/4 |
| 11 | The index number given by formula $\Sigma p_n q_n / \Sigma p_n q_n$ x100 is: | A. Laspeyres index<br>B. The paasche's index<br>C. The value index<br>D. None of these |
| 12 | The properties of discrete probability distribution are: | A. Σp (x) = 1 and Σx. (x) = 1<br>B. ΣP (x)= 1 and Σx. P<br>C. ΣP(x) = 1 and 0 < P(x) ≤ 1<br>D. All of these above |
| 13 | Mid poitns of top of the rectangular of historgram are joined to get. | A. Frequency curve<br>B. Polygen<br>C. Ogive<br>D. Histogram |

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| 14 | The sum of probabilities of events of a sample space is always. | A. Equal<br>B. Discrete<br>C. Continuous<br>D. Always greater then oen |
| 15 | The index number are generally classified into _____ types. | A. Two <br>B. Four<br>C. Five<br>D. Three |
| 16 | The probability of a 'Jack' Card form 52 playing card is: | A. 1/52<br>B. 4/52<br>C. 13/52<br>D. 26/52 |
| 17 | The purpose of the sample is to draw inference about: | A. statistic<br>B. Population<br>C. Parameter<br>D. Primary |
| 18 | The probability of getting one red ball from a bag constaining 4 red, 3 white and 3 black balls is. | A. 3/10<br>B. 1/5<br>C. 2/5<br>D. 1/2 |
| 19 | Median divides the data into | A. 2 parts<br>B. 3 parts<br>C. 4 parts<br>D. 10 parts |
| 20 | Link relataives can be obtained dividing Pn by | A. Po<br>B. P n-1<br>C. qo<br>D. qn-1 |