

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	If in binomial distribution, $\mu = 6$ , $p = 3/5$ , the number of trial are:	A. 18 B. 30 <b>C. 10</b> D. None of these
2	Which one is not an example of random experiments.	A. A coin is tossed and the outcome is either a head or a tail B. A six sided aid is rolled <b>C. All medical insurance claims received by a company in a given year.</b> D. Some one of person will be admitted to a hospital emergency room during any hour.
3	The probability of a 'Jack' Card form 52 playing card is:	A. 1/52 <b>B. 4/52</b> C. 13/52 D. 26/52
4	Which is the followig measures cannot be calculated for the numbers 5,8, 12,6, 9, 13, 10	A. Median B. Mean <b>C. Mode</b> D. None of these
5	Karl Pearson's 1 <sup>st</sup> co-efficient of skewness is given by formula	D. None of these
6	The binomial distribution has the following parameters.	A. $p \& q$ B. $n \& q$ C. $n, p \& q$ <b>D. None of these</b>
7	If a player well shuffles the pack of 52 playing card, then the probability of a black card form 52 playing cards is:	A. 1/52 B. 13/52 <b>C. 26/52</b> D. 4/52
8	Mean of hypergeometric distribution is	A. $mN/k$ <b>B. <math>nK/N</math></b> C. $k/nN$ D. $Nk/n$
9	Which of the following indices satisfies both the time reversal and factor reversal tests.	A. Laspeyres' index <b>B. Fisher's index</b> C. Paasche's index D. Marshall -edge worth
10	If $X = 0,2,2,4,8,10$ , then G.M is.	A. 4 B. 8 C. 10 <b>D. zero</b>
11	The ratio of A to B is the fraction:	A. $B / A + B$ <b>B. <math>A / B</math></b> C. $B^A / A^B$ D. $A / A + B$
12	The probability of an event connot be.	<b>A. 0</b> B. $> 0$ C. $= 1$ D. $< 0$
13	Standard deviation is always calculate form:	A. Mean B. Median C. Mode D. All of the above
14	Which index number has a wide scope	A. Special B. General <b>C. Price</b> D. Quantity
15	The probability of continuous random variable at $x = a$ is_____.	A. One <b>B. Zero</b> C. Between

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16 The conditional probability  $P(A|B)$  is given by.

A.  $(A \cap B)/(B)$   
B.  $P(A \cap B)/P(A)$   
**C.  $P(A \cap B)/P(B)$**   
D.  $(A \cap B)/P(B)$

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17 a graph of a cumulative frequency distribution is called.

A. Histogram  
**B. Ogive**  
C. Frequency polygon  
D. None of these

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18 The base period in fixed bases should be\_\_\_\_\_

A. A normal year  
B. Abnormal year  
C. Special  
D. General

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19 A statistic which is not measurable is called.

A. A constant  
**B. An attribute**  
C. A variable  
D. A parameter

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20 Composite index number involves commodities.

A. One  
B. Two  
C. Three  
**D. More than one**

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