

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	An index having a wide scope is called:	<p>A. Price index number          B. General purpose index number          C. Special purpose index number          D. None of these</p>
2	Which of the following statements is true.	<p>A. As a rule statisticians generally use between 6 and 15 classes.          B. As a rule, statisticians regards a frequency distribution incomplete if it has fewer than 20 classes.          C. Classes describe only one characteristics the data being organized          D. None of these</p>
3	Which of the following case is true for hypergeometric distribution.	<p>A. Probability remains constant for all trials          B. Probability changes          C. successive trials are dependent          D. Both (B) and (C) but not (A)</p>
4	The 5 <sup>th</sup> decile is always equal to	<p>A. 1<sup>st</sup> quartile          B. 2<sup>nd</sup> quartile          C. 3<sup>rd</sup> quartile          D. Both (a) and (b)</p>
5	Which of the following indices satisfies both the time reversal and factor reversal tests.	<p>A. Laspeyres' index          B. Fisher's index          C. Paasche's index          D. Marshall -edge worth</p>
6	Index number are called:	<p>A. Mathematical barometer          B. Economic barometer          C. Statistical barometer          D. Both A and C</p>
7	Question Image	<p>A. <math>y_{1} = y_{2}</math>          B. <math>Y_{1} &gt; Y_{2}</math>          C. <math>y_{1} &gt; y_{2}</math>          D. None of these</p>
8	The variance of 4,4,4,4,4 is.	<p>A. -4          B. (4)<sup>2</sup>          C. 8          D. 0</p>
9	Which of the following indices satisfies both the time reversal and factor reversal tests.	<p>A. Fisher's method          B. Paasche's method          C. Laspeyres method          D. None of these</p>
10	If $p = q = 1/2$ then distribution is called.	<p>A. Positively          B. Skewed          C. Symmetrical          D. Negatively</p>
11	Which of the following is not based upon all the observations.	<p>A. A.M          B. G.M          C. H.M          D. Mode</p>
12	The range of probability is between	<p>A. 0 to 2          B. -1 to +1          C. 0 to 8          D. 0 to 1</p>
13	The number 4.50001 rounded off to nearest unit is.	<p>A. 4          B. 5          C. 4.5          D. 4.01</p>
14	Composite index number involves commodities.	<p>A. One          B. Two          C. Three          D. Four</p>

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15 If  $y = -7x$  then  $E(y) = \dots$

A.  $E(x)$   
B.  $-7X$   
**C.  $-7E(X)$**   
D. Zero

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16 The index number are generally classified into \_\_\_\_\_ types.

A. Two  
B. Four  
C. Five  
D. Three

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17 In a table foot note and source notes are.

A. Same  
B. Different  
C. Identical  
D. None of these

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18 If all the value of have equal importance, then we have to assigned certain values is such index number are called.

A. Weighted index number  
B. Un-weighted index  
C. Both A and B  
D. Average

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19 The probability of a continuous random variable at  $x = a$  is -----

A. One  
B. Zero  
C. Between 0 and 1  
D. More than one

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20 A student solved 25 questions from first 50 questions of a book to be solved. The prob, that he will solve the remaining all questions.

A. 0.25  
**B. 0.51**  
C. 1  
D. 0

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