

## Statistics - ICS Part 2 Statistics English Medium Chapter 2 Short Questions Preparation

Q1. What is the meant by proportion ?

**Ans 1:** It is the ratio of number of elements possessing a given characteristic in the population or sample to the total number of elements in the population or sample.

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Q2. What is meant by sampling distribution ?

**Ans 1:**

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Q3. What is statistic ?

**Ans 1:** It is the numerical descriptive of sample.

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Q4. What is parameter ?

**Ans 1:** It is the numerical descriptive of population.

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Q5.

**Ans 1:**

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Q6. What is meant by sampling without replacement ?

**Ans 1:** A scheme in which elements can be selected more than once.

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Q7. What is sampling ?

**Ans 1:** It is the process of selecting a part or some elements from the population.

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Q8. A sampling distribution is generally studied with respect to three difference aspects. Name these aspects.

**Ans 1:** These are (i) Its Expectation (ii) its dispersion (iii) its shape.

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Q9. What are the main advantages of sampling ?

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**Ans 1:** (i) It saves time, labour and money.

(ii) When elements sampled are damaged or destroyed it is the practical method to obtain data.

(iii) It is more scientific than a complete census.

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Q10. What is meant by a random sample ?

**Ans 1:** If  $n$  elements are selected from a population in such a way that every set of  $n$  elements are said to be a random sample.

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