



**PES University, Bangalore**

(Established under Karnataka Act No. 16 of 2013)

**UE19CS203 – STATISTICS FOR DATA SCIENCE**

**Unit - 1 - Introduction to Data Science**

**QUESTION BANK**

**Sampling Methods**

**Exercises for Section 1.1**

**[Text Book Exercise – Section 1.1 – Q. No. [1 – 9] – Pg. No. [12 - 13]]**

1. True or false:
  - a. A simple random sample is guaranteed to reflect exactly the population from which it was drawn.
  - b. A simple random sample is free from any systematic tendency to differ from the population from which it was drawn.
2. To determine whether a sample should be treated as a simple random sample, which is more important: a good knowledge of statistics, or a good knowledge of the process that produced the data?

