

Eastern University, Sri Lanka

Fourth Year First Semester Examination in Agriculture (2013/2014)

Nov/Dec 2018

EC 4102: Social Research Methodology

Time allowed: 02 hours

Answer all questions

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- 01) a) Briefly explain the "Scientific Method" applicable to social science research.
- b) Briefly discuss any three (03) different data collection methods.
- 02) a) "Research problem identification is an important part of any social science research", Briefly explain it with a suitable example.
- b) Explain how Simple Random Sampling differing from the Stratified Random Sampling method.
- 03) Write Short Notes on the following:
- a) Relationship among the variables in social science research
- b) Multi stage sampling
- c) Merits and de-merits of probability and non-probability sampling.
- 04) a) Select a suitable example of a hypothesis to explain the two side t-test.
- b) Using the above example, Explain the two-tailed test in terms of rejection and acceptance region at 5% significant level.