

M.Sc. (Ag.) Examination, 2019
Semester-II
Agricultural Extension
Course: EXT-507
(Research Methods in Behavioural Sciences)

Time: Three Hours

Full Marks: 50

Questions are of value as indicated in the margin.
Answer ***any five*** questions.

1. What do you mean by behavioural science research? What are the objectives of a research? Write down the types of research with example. 2+2+6=10
 2. What is the role of variable in research? Write the types of variable with suitable example. 3+7=10
 3. What do you mean by hypothesis? What are the sources of hypothesis? Write the function and types of hypothesis. 2+2+2+4=10
 4. What is the difference between reliability and validity? Explain different types of reliability. 3+7=10
 5. What do you mean by sampling? Why sampling is important for research methodology? Explain about the non-probabilistic sampling methods. 2+3+5=10
 6. Explain different levels of measurement with example. Elucidate the principles of experimental research design. 5+5=10
 7. What is case study? Explain the steps in conducting a case study. Write the advantages and limitations of case study. 2+4+4=10
 8. What are the types of interview method for collection of data? Explain Max-Min-Con Principle. 5+5=10
 9. Write short notes on the following (***any four***): 2.5x4=10
 - a) Rating scale
 - b) Action research
 - c) Stratified random sampling
 - d) Research design
 - e) Field studies
 - f) Validity
 - g) Ex-post-facto research
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