

M.Sc. (Ag.) Semester -II Examination 2015

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. (a) Define the term 'research'. Write down the basic differences between fundamental research and action research.
(b) Write in brief what major steps to be followed in writing thesis. 2+3+5=10
 2. What is meant by 'measurement'? Write with example the various levels of measurement. 2+8=10
 3. (a) Enumerate the various category of social science research.
(b) Distinguish between null hypothesis and alternate hypothesis. 5+5=10
 4. (i) What is meant by 'Sample'?
(ii) Why sampling technique is useful in social science research?
(iii) Write in brief about (a) Purposive sampling ; (b) stratified sampling and (c) multistage sampling. 2+2+6=10
 5. Distinguish between (**any two**) : 2×5=10
 - (a) Deductive Vs Inductive method
 - (b) Dependent and Independent variable
 - (c) Schedule and Questionnaire
 6. Write down the meaning of report writing. What major guidelines to be followed in writing report? 2+8=10
 7. What is meant by 'Reliability and Validity'? How would you calculate the reliability of a measuring instrument by Test Retest Method. 4+6=10
 8. Write short notes on **any two** of the following : 2×5=10
 - (a) Advantages of focussed interview
 - (b) Simple random sampling
 - (c) Dichotomous variable
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