BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AG 209

Department of Agricultural Economics, Education and Extension
BSc Agricultural Science Part II Examination
Research Methods in Agriculture

3 HOURS (100 Marks) 12 JUN 2017 C

INSTRUCTIONS TO CANDIDATE
Answer QUESTION 1 and any other 2 questions. Question 1 is compulsory and carries 50 marks. The other questions carry 25 marks each.

1) TIMB have asked you to research on a topic titled, “Willingness of farmers to use coal as a source of energy in curing tobacco”
   a) Identify 2 research questions for the study. [4 marks]
   b) Describe the research problem statement. (less a page) [12 marks]
   c) Formulate the main objective and 2 specific research objectives. [6 marks]
   d) Identify 2 research hypotheses. [4 marks]
   e) Explain the justification for conducting this research. [5 marks]
   f) Describe the most appropriate three data collection instruments you would use for the study. [15 marks]
   g) Discuss two ethical issues that you would consider for this study. [4 marks]

2) a) Discuss the survey method in research data collection. [10 marks]
    b) Explain the potential mistakes to avoid when preparing the wording and structure of questions in a survey questionnaire. [15 marks]

3) Describe the research process in detail. [25 marks]

4) a) Differentiate descriptive and explanatory research. [8 marks]
    b) For a researcher to achieve a good review of related literature in his field, there are things that you must not do. Explain this statement. [17 marks]

5) Discuss any 5 sampling methods in detail. [25 marks]

End of Paper

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