



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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University Examinations 2015/2016

SECOND YEAR, FIRST SEMESTER EXAMINATION FOR THE DIPLOMA IN AGRICULTURE

**DEV 0200: RESEARCH METHODS**

**DATE: NOVEMBER 2015**

**TIME: 1½ HOURS**

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**INSTRUCTIONS:** Answer question *one* and any other *two* questions

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## QUESTION ONE (30 MARKS)

- a) Define the following terms:
- i) Research (3 Marks)
  - ii) Research methodology (2 Marks)
  - iii) Research Question (3 Marks)
- b) Briefly explain the difference between the dependent variable and the independent variable (4 Marks)
- c) List down the characteristics of a good hypothesis (4 Marks)
- d) What factors determine the scope of research (4 Marks)
- e) Briefly discuss reasons for sampling (6 Marks)
- f) What are the disadvantages of closed-ended questionnaire (4 Marks)

## QUESTION TWO (15 MARKS)

Discuss the main types of educational research (15 Marks)

**QUESTION THREEE (15 MARKS)**

- a) Discuss the importance of literature review (10 Marks)
- b) What are the challenges faced in formulating literature review. (5 Marks)

**QUESTION FOUR (15 MARKS)**

- a) Name 3 methods of Non-probability sampling (3 Marks)
- b) Briefly discuss 3 methods of probability sampling (12 Marks)