



# **UNIVERSITY OF EMBU**

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**2017/2018 ACADEMIC YEAR**

**SECOND SEMESTER EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF  
EDUCATION**

**GEG 104: FIELDWORK AND RESEARCH METHODOLOGY IN GEOGRPHY**

**DATE: APRIL 9, 2018**

**TIME: 8:30-10:30AM**

**INSTRUCTIONS:**

**Answer Question ONE and ANY Other TWO Questions.**

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**QUESTION ONE (30 MARKS)**

- a) Differentiate between:
- i) Sampling error and sampling bias (4 marks)
  - ii) Independent and dependent variable. (4 marks)
- b) Explain five reasons why a proposal is important in research. (5 marks)
- c) Outline any five common mistakes made during sampling process. (5 marks)
- d) Describe five challenges that researchers encounter while reviewing literature. (5 marks)
- e) Explain four advantages of sampling in research. (4 marks)
- f) Describe the types of proposals that you know. (3 marks)

**QUESTION TWO (20 MARKS)**

- a) Describe any five reasons why researchers carry out research. (10 marks)
- b) You intend to carry out research on the effect of employee absenteeism on the profitability of a manufacturing company.
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- i) Formulate three objectives of the study. (3 marks)
- ii) Highlight four ethical issues relating to the respondent which you will observe during the research. (4 marks)
- c) Outline three advantages of using observation method in data collection. (3 marks)

**QUESTION THREE (20 MARKS)**

- a) Differentiate between participant and non-participant observation. (4 marks)
- b) Explain four mistakes made in sampling. (12 marks)
- c) Explain four common mistakes made in sampling (4 marks)

**QUESTION FOUR (20 MARKS)**

- a) Explain five advantages and five disadvantages of using questionnaire in data collection. (10 marks)
- b) Describe any four descriptive methods that can be used in data analysis. (10 marks)

**QUESTION FIVE (20 MARKS)**

- a) You intend to carry out a research on the ages of first year students and how the students age affects their performance in the examinations.
- i) State the topic of your study. (2 marks)
- ii) Formulate two directional and two non-directional hypotheses for the study. (4 marks)
- iii) State four problems you might encounter during the study. (4 marks)
- b) Explain five sources where one can get a research problem. (10 marks)

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