



**The Co-operative University College of Kenya**  
(A Constituent College of Jomo Kenyatta University of Agriculture & Technology)

**END OF SEMESTER EXAMINATION APRIL-2016**

**EXAMINATION FOR THE DEGREE OF BACHELOR OF DISASTER AND RISK  
MANAGEMENT (YR III SEM II)**

**UNIT CODE: CODM 2202**

**UNIT TITLE: RESEARCH METHODS**

**DATE: 29<sup>TH</sup> APRIL, 2016**

**TIME: 9.00 A.M. – 11. 00 A.M.**

**INSTRUCTIONS:**

- Answer question **ONE (compulsory)** and any other **TWO** questions

**QUESTION ONE**

- (a) Differentiate between qualitative and quantitative research and explain the applicability of each. (10 marks)
- (b) Define the following
- i. Sample (2 marks)
  - ii. Population (2 marks)
  - iii. Independent variable (2 marks)
  - iv. Dependent variable (2 marks)
  - v. Sampling (2 marks)
- (c) Explain FIVE qualities of an effective research title. (5 marks)

**QUESTION TWO**

- (a) Explain the importance of objectives in a research (8 marks)
- (b) Explain the qualities of effective research objectives. (6 marks)

**QUESTION THREE**

- (a) Discuss FOUR research designs, indicating their applicability. (12 marks)
- (b) Discuss some of the pitfalls in selection of research designs (8 marks)

**QUESTION FOUR**

- (a) Differentiate between the following terms
- i. Probability sampling design (1 mark)
  - ii. Non-probability sampling design (1 mark)
- (b) Discuss the following designs indicating their advantages and disadvantages
- i. Simple random sampling (6 marks)
  - ii. Stratified random sampling (6 marks)
  - iii. Systematic random sampling (6 marks)

**QUESTION FIVE**

- (a) Discuss the advantages and disadvantages of the following research instruments
- i. Questionnaires (5 marks)
  - ii. Structured interviews (5 marks)
  - iii. Focus group discussions (5 marks)
  - iv. Semi structured interviews (5 marks)