



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

P.O. Box 62157

00200 Nairobi - KENYA

Telephone: 891601-6

Ext 1022/23/25

MAIN EXAMINATION

SEPTEMBER –DECEMBER 2021

FACULTY OF SCIENCE

DEPARTMENT OF COMMUNITY HEALTH AND DEVELOPMENT

REGULAR PROGRAMME

HPE 102: RESEARCH METHODOLOGY

Date: DECEMBER 2021

Duration: 3 Hours

INSTRUCTIONS: SECTION 1: Answer ALL the questions (60 Marks)

1. Explain the meaning of the following terminologies **(4 Marks)**
 - i. Sampling technique
 - ii. Indicators
 - iii. Study Population
 - iv. Study design
 - v. Bivariate
 - vi. Variables
 - vii. Sample
 - viii. Data
2. List FOUR reasons why research is important in the education field. **(4 Marks)**
3. Explain the meaning problem Statement and outline its attributes. **(4 Marks)**
4. Problem Statement is “the heart” of Research, explain the statement **(4 Marks)**
5. List TWO main types of research questions and objectives. **(4 Marks)**
6. Explain 4 importance of a problem statement in research **(4 Marks)**
7. Explain briefly the importance of literature review in research **(4 Marks)**
8. Explain meaning of research method and state TWO types. **(4 Marks)**
9. State four types of data collection methods and highlight their advantages and disadvantages. **(4 Marks)**
10. What is the difference between quantitative and qualitative research methods? **(4 Marks)**

11. Please Read this: Case Study on: General and specific objectives for a counselling project

A research study was designed to assess the accessibility and acceptability of the Voluntary Counselling and Testing (VCT) Services for HIV infection in *kebele X*.

- I. State possible general objective of this case study. **(4 Marks)**
 - II. State possible three specific objectives of the case study. **(6 Marks)**
12. Explain the meaning of a research proposal. **(4 Marks)**
13. Outline and explain the components of a research proposal. **(10 Marks)**

SECTION 2: Proposal Submitted before Exam (40 Marks)

DTE DEC 2021

END