

**BONDO UNIVERSITY COLLEGE  
COMMUNITY HEALTH & DEVELOPMENT  
HCD 2226: RESEARCH METHODS**

**SECTION A: Answer ALL questions in this section (3 Marks each).**

1. Define the term research and list two importance of research in community health.
2. List any three sources of literature during research citing respective weakness.
3. What are objectives in research? List any four verbs that are used in objective.
4. Differentiate between qualitative and quantitative research.
5. List the factors to be considered when choosing a research problem.
6. Differentiate between primary and secondary data sources.
7. Briefly describe ways in which collected data are presented.
8. List the functions of hypothesis in a research proposal.
9. List six characteristics of research.
10. Differentiate between prospective and retrospective study designs.

**SECTION B**

**Answer any TWO questions from this section (15 marks each)**

11. Discuss the ethical issues during research.
12. Discuss the steps involved in a research process.
13. Discuss the methods that can be used to collect primary data.
14. There has been an outbreak of a disease in your community. You are tasked to propose an investigation on the circumstances surrounding the observation and submit a report. Using a specific disease as an example, formulate:
  - a. Title
  - b. Main objective
  - c. 3 specific objectives
  - d. Null hypothesis
  - e. Justification of the study
  - f. Significance of the study