



AMREF INTERNATIONAL UNIVERSITY

SCHOOL OF PUBLIC HEALTH

DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT

BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT

END OF SEMESTER EXAMINATION DECEMBER 2024

HMD 221 INTRODUCTION TO RESEARCH METHODS

TIME: Two Hours

Date : December 2024

TIME : Two (2) Hours Start: 4:30 pm End: 6:30 pm

INSTRUCTIONS TO CANDIDATES

- 1) This exam is out of 70 marks
- 2) Section-A is compulsory with a Total of 30 Marks
- 3) Answer any TWO (2) questions in Section B
- 4) Your answer booklet should be clearly labeled and numbered.

Read carefully the additional instructions preceding each section.

SECTION A: COMPULSORY (30 Marks)

Short Answer Questions

1 a (i) Define qualitative research. **(2 Marks)**

1 a (ii) Identify two methods commonly used in qualitative research. **(3 Marks)**

1 b (i) Describe the 2 importance of ethical considerations in research **(2 Marks)**

1 b (ii) Identify three fundamental principles of research ethics **(3 Marks)**

1c (i) Define literature review **(2 Marks)**

1c (ii) Identify three key significances of a literature review in the research process **(3 Marks)**

1d Describe five common data collection techniques. **(5 Marks)**

1e (i) Identify two key components of a research hypothesis **(2 Marks)**

1e (ii) Describe three roles of a research hypothesis **(3 Marks)**

1f. Describe two difference between primary and secondary data **(5 Marks)**

SECTION B: ANSWER ANY TWO (2) QUESTIONS (40 Marks)

Long Answer Questions

2. Describe four research designs and how each design can influence the outcomes of a study. **(20 Marks)**

3. Discuss five steps you would take to assess the effectiveness of a behavior change communication intervention aimed at reducing tobacco use. **(20 Marks)**

4. Discuss the impact of cultural factors on health research, including study design, participant recruitment and data collection **(20 Marks)**

- i. study design **(6 marks)**
- ii. participant recruitment **(8 marks)**
- iii. data collection **(6 marks)**