



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
MASTER OF SCIENCE IN BIOETHICS
END OF SEMESTER EXAMINATION MAY-AUGUST 2025

UNIT CODE: MBE 719 **UNIT NAME:** RESEARCH ETHICS

DATE: 13 August, 2025

TIME: Three Hours

Start: 5:30 PM

Finish: 8:30 PM

INSTRUCTIONS

1. This exam is marked out of 100 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (25 marks)
Section B: Long Answer Questions (75 marks)

SECTION A: COMPULSORY (25 Marks)

Short Answer Questions

1. Answer the following questions

- a) Explain what collaborative research is in your own words (2 marks)
- b) Explain the importance of social value in collaborative research (3 marks)
- c) Describe the ethical use of a placebo in research (3 marks)
- d) Evaluate with an example one of the following scientific misconducts: falsification, fabrication, plagiarism (3 marks)
- e) Analyze the principles of the Belmont Report (3 marks)
- f) Relate how any of the Belmont Report principles apply to the Milgram obedience experiment (3 marks)
- g) Describe four roles of Institutional Scientific and Ethics Review Committees (ISERCs) (8 marks)

SECTION B ANSWER ANY THREE (3) QUESTIONS (75 Marks)

Long Answer Questions

2. a) Discuss how ethics dumping manifests itself in international collaborative research projects (5 marks).
- b) Explain four (4) ethical challenges associated with ethics dumping (10 marks)
- c) Discuss any four (4) roles of research ethics committees (RECs) in LMIC settings in mitigating risks of ethics dumping in collaborative research (10 marks).
3. a) Explain how any two of the historical events shaped the development of informed consent (6 marks)
- b) Discuss the moral basis of informed consent, focusing on the principles of autonomy, beneficence, and justice. (6 marks)
- c) Discuss any four (4) challenges that may arise in obtaining informed consent in Research practice (13 marks)
4. a) Describe the ethical distinctions between reimbursement, payment, undue influence, and coercion in the context of research participation (17 marks).
- b) Distinguish between fair compensation and unethical inducement, giving an example for each (8 marks)
5. a) Discuss any four (4) ethical issues associated with the transfer of human tissue samples across national boundaries (16 marks)
- b) Examine three approaches to ensure ethical compliance in international bio-banking collaborations (9 marks).