



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTER OF PUBLIC HEALTH
END OF SEMESTER EXAMINATION DECEMBER 2024

MBE 711: BIOETHICS

DATE: FRIDAY 20TH DECEMBER 2024

TIME: THREE HOURS START: 5.00PM HOURS FINISH 8.00PM HOURS

INSTRUCTIONS

1. This exam will be graded out of 100 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (25 marks)
Section B: Long Answer Questions (75 marks)
3. All questions in Section A are compulsory, and Answer any THREE questions in Section B
4. This online exam shall take 3 Hours
5. Late submission of the answers will not be accepted
6. Ensure your web-camera is on at all times during the examination period
7. No movement is allowed during the Examination
8. Idling your machine for 5 minutes or more will lead to a lockout from the exam.
9. The Virtual Assessment System (VAS) has built-in integrity checks to detect cheating.
10. Any aspect of cheating detected during and or after the exam administration will lead to disciplinary measures.
11. In case you have any questions, call the invigilator for this exam Prof Elizabeth Bukusi on Tel. +245733617503 and or the Head of Department Dr. Faith Muhonja on Tel +254 723 742 370 or ICT related questions Mr. Patrick Njine on +254725835496
12. For adverse incidences, please write an email to amiu.examinations@amref.ac.ke

SECTION A: COMPULSORY (25 MARKS).

1. a. Explain the concerns in RH with regards to bioethics. (3 marks)
- b. Identify and examine two ethical considerations related to access to contraception. (5 marks)
- c. Demonstrate the ethical challenges surrounding assisted reproductive technologies (ART). (5 marks)
- d. Discuss the ethical conflicts that may arise from exercising reproductive health rights. (4 marks)
- e. Analyze reproductive health challenges for vulnerable populations, such as low-income women or individuals with mental or physical disabilities. (4 marks)
- f. Propose two strategies to ensure reproductive health services are delivered ethically and equitably in Low- and Middle-Income countries (LMCI). (4 marks)

SECTION B: ANSWER ANY THREE (3) QUESTIONS (75 MARKS)

2. You have been asked to present to the University board council the concept of research integrity and its significance in scientific inquiry.
 - a. Identify the key principles that underpin research integrity and analyze the potential consequences of research misconduct on both the scientific community and society at large. (15 Marks)
 - b. Provide examples to illustrate your points in order to provide clear policy direction for the Council. (10 Marks)
3. Consider the research regulation framework in Kenya, focusing on the legal issues that arise in conducting research involving human participants.
 - c. Discuss the role of the National Commission for Science, Technology and Innovation (NACOSTI) and other relevant bodies in overseeing research ethics. (15 Marks)
 - d. Analyze the challenges faced by researchers in complying to these regulations and the implications of non-compliance (10 Marks)
4. Public health research in emergencies:
 - a. Explain the ethical considerations surrounding public health research in emergencies, pandemics, and disaster situations? (13 Marks)
 - b. What unique challenges do researchers face in these contexts? Critically evaluate these challenges and provide examples for your position. (12 Marks)

5. Philosophy and bioethics
 - a. Discuss the philosophical basis of bioethics. (10 Marks)
 - b. Compare and contrast the main ethical theories that inform bioethical decision-making. Provide examples to illustrate your points. (15 Marks)
6. The slippery slope
 - a. Illustrate the concept of the "slippery slope" in bioethics and give examples. (12 Marks)
 - b. How can both of these two concepts of the "slippery slope" affect gender considerations in bioethical discussions in research or clinical practice? Give examples (13 Marks).

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