

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

KISUMU AND KISII

HES 5111: BIOETHICS

Instruction: Answer Question 1 and Any other THREE Questions

1. Research ethics committees (RECs) are tasked to assess the risks and the benefits of a trial or other types of researches. Using an appropriate framework, discuss the rationale for and how risk-benefit assessments would be conducted. [15 marks]
2. As a research coordinator, you have been tasked by the Principal Investigator to prepare the research protocol for submission to the local Ethics Review Committee. Explain in detail the specific elements of an informed consent you would consider to ensure the proposed form is acceptable to reviewers. [15 marks]
3. The use of biological samples in research raises a number of ethical issues in relation to consent, storage, shipment/export, benefit sharing and re-use of samples. Discuss the ethical values in donation of samples or body parts. [15 marks]
4. Data practices are central to a successful research. However, if improperly managed data may become invalid. Identify some of the data management concerns in a health research context and discuss how these could be resolved [15 marks]
5. Define 'community-based research' and explain the related ethical issues to consider when planning to implement health research in contexts that differ politically, socially and culturally such as Kenya. [15 marks]
6. The number of people who require organ transplant is progressively increasing and currently the demand exceeds available supply, globally. Identify some of the ways often used to facilitate donation and discuss the ethical challenges they pose. [15 marks]