



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF MASTER OF PUBLIC HEALTH/
MSC. EPIDEMIOLOGY & BIostatISTICS
1ST YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR
KISII / KISUMU CAMPUS

COURSE CODE: HES 5111

COURSE TITLE: BIOETHICS

DATE: 12/08/2019

EXAM SESSION: 9.00 – 12 NOON

TIME: 3.00 HOURS

Instructions:

- 1. Answer Question One and Any Other THREE Questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

Answer Question 1 and any 3 other questions.

Q1. (Compulsory)

Discuss the role of bioethics, highlighting the key principles upheld in the conduct of research involving humans. [15 marks]

Q2.

What is *undue influence*? Describe any scenarios where compensation and reimbursements may amount to undue influence [15 marks]

Q3.

Describe your best course of action when faced with each of the following scenarios [15 marks].

- a. A subject in your clinical research trial experiences a serious, unanticipated adverse drug experience. How would you proceed, with respect to the IRB, after the discovery of the adverse event occurrence?
- b. A 46-year-old man is currently enrolled in a Phase 2 study of a drug for severe diabetic neuropathy. While the study is ongoing, a new drug becomes commercially available that may have equal or greater benefit to the subject.
- c. You are investigating a new drug for scabies among children in a disease endemic community. As per the protocol, the parents are expected to consent for their children to participate in the research. None of the parents for the enrolled children are literate and cannot read the written consent document.

Q4.

Define the term vulnerable persons as it relates to human subject research. What precautions should be taken when involving vulnerable persons in research. [15 marks]

Q5.

Discuss the circumstances in which consent may be waived, giving due attention to the considerations and their rationale. [15 marks]

Q6

A study targeting to evaluate mass net use in your county finds a particular ward where 70% of adult males are complete drunkards, who spend (according to the community) most of the time idling at the shopping center and stagger home way after 11pm. Will these men be included in the study? Justify your decision. [15 marks]