

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE IN BIOMEDICAL AND TECHNOLOGY, BACHELOR OF
SCIENCE IN BIOCHEMISTRY**

BMED 454: BIOETHICS

STREAMS: BMED, BIOCHEM Y4S2

TIME: 2 HOURS

DAY/DATE: THURSDAY 11/04/2019

8.30 AM – 10.30 AM

INSTRUCTIONS:

- **Answer Question One and any other Two Questions**
- **Do not write on the question paper**

QUESTION ONE

- (a) State the provisions of the Nuremburg code in ethical conduct. [5 marks]
- (b) You have discovered novel drug X aimed at treating a condition Y. How would you test this drug before you release it commercially for use? [5 marks]
- (c) What is euthanasia? Differentiate active from passive Euthanasia. [5 marks]
- (d) At what point does a person cease to exist? In coma? Death of brain stem? Explain. [5 marks]
- (e) Differentiate the categories of intellectual property rights in innovations. [5 marks]
- (f) Outline the role of advisory Committee in xenotransplantation. [5 marks]

QUESTION TWO

- (a) While cloning is of scientific interest and is supported by countries like China, it has been banned by other countries. State the likely reasons for such bans. [10 marks]

- (b) In details, explain various principles of ethics [10 marks]

QUESTION THREE

- (a) Justify the adoption of laws against euthanasia based on patient-doctor relations. [10 marks]

- (b) With an example, explain the reasons raised against organ transport in health care. [10 marks]

QUESTION FOUR

- (a) List any five theories of morality and their applications in practice. [10 marks]

- (b) What is surrogate motherhood? Is it ethical or unethical? Explain. [10 marks]
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