

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE  
OF BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION**

**BMET 454: BIOETHICS**

**STREAMS: BSC (BMET)**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 01/02/2021**

**8.30 A.M. – 10.30 A.M.**

**INSTRUCTIONS**

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

**QUESTION ONE (30 MARKS)**

1. What is the primary objection for organ transplant in humans? (4 marks)
2. Briefly explain the three ethical principles as applied in clinical research. (3marks)
3. Describe in detail cultural relativism and ethnic egoism moral theories. (4 marks)
4. Explain in details the salient features of an informed consent. (7marks)
5. Highlight some of the ethical issues arising from Xenotransplantation. (4marks)
6. Define the following terms. (5 marks)
  - i. Copyright
  - ii. Industrial property
  - iii. Intellectual property
7. In your own view do you support passive euthanasia? What is the ethical support for your argument? (3 marks)

**QUESTION TWO (20 MARKS)**

- a. Describe in detail various moral theories. (10 marks)
- b. Describe in detail the Summary of the Patent Cooperation Treaty (PCT) (1970)  
(10 marks)

**QUESTION THREE (20 MARKS)**

- a. Explain according to Leon Kiss why it is morally wrong to clone a human being  
(10 marks)
- b. Explain briefly the history of human experimentation. (10 marks)

**QUESTION FOUR (20 MARKS)**

- a. What are some ethical issues and arguments arising from stem cell research?  
(5marks)
  - b. The Nuremburg Code and The Declaration of Helsinki outlined various principles regarding use of humans for experiments. Briefly state them. (5 marks)
  - c. Describe in detail the measures to be taken when conducting xenotransplantation.  
(10 marks)
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