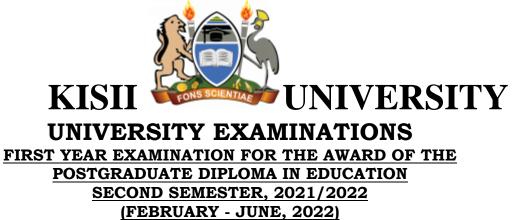
<u>PGDE 717</u>



#### PGDE 717: METHODS OF TEACHING BIOLOGY

STREAM: Y1 S2

TIME: 2 HOURS

DAY: THURSDAY, 12:00 - 2:00 P.M.

# DATE: 02/06/2022

(2marks)

#### INSTRUCTIONS

- 1. Do not write anything on this question paper.
- 2. Answer question ONE (Compulsory) and any other TWO questions.

### QUESTION ONE.

- a) By use of named examples, explain any five contributions of Biology to the welfare of Mankind (10 marks)
- b) Biology teaching relies heavily on the process skills. With reference to specific examples discuss named four manual skills and their applicability in the teaching and learning of biology (8Marks)
- c) Explain three factors that dictate the choice of a teaching strategy in biology (6marks)
- d) Lecture method is often regarded as inappropriate in teaching Biology as a Subject. Explain six suggestions on how you can improve the lecture method while teaching biology. (7marks)

### QUESTION TWO

a). What is a lesson plan.

b). Explain the importance of a lesson plan to a biology teacher. (12Marks)

# **QUESTION THREE**

- a) Discuss the importance of assessment in the process of teaching and learning of biology (10 marks)
- b) Describe how you would use the following skills to enhance biology classroom instruction:
  - i) Asking questions (5 marks)

| ii) | Reinforcement of learners responses | (5 marks) |
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### **QUESTION FOUR**

a. Explain six considerations that a biology teacher must make when preparing<br/>a scheme of work.[6 Marks]b. With suitable examples, briefly explain the role of examples as used in<br/>biology classroom[5 marks]c. Under-which circumstance would you opt to use demonstration as a method<br/>of instruction in Biology[6 marks]d. Discuss the negative contribution of biological knowledge to the Kenyan<br/>society[4 Marks]

# **QUESTION FIVE**

a. Considering the context in which you are teaching, with suitable examples discuss the advantages of stating objectives for teaching. [10 Marks]
b. The success of a field trip depends largely on how it is planned. Explain ten things the teacher should consider before he takes the learners to the field trip. (10marks)