



# KISII UNIVERSITY

## UNIVERSITY EXAMINATIONS

**FIRST YEAR EXAMINATION FOR THE AWARD OF THE  
POST – GRADUATE DIPLOMA IN EDUCATION  
SECOND SEMESTER, 2021/2022  
(JUNE - SEPTEMBER, 2022)**

**PGDE 717: METHODS OF TEACHING BIOLOGY**

**STREAM: Y1 S2**

**TIME: 2 HOURS**

**DAY: THURSDAY, 12:00 – 2:00 P.M.**

**DATE: 08/09/2022**

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### **INSTRUCTIONS**

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE [Compulsory] and any other TWO Questions.***

### **QUESTION ONE**

- Define the following terms
  - Blooms taxonomy
  - Instructional aids
  - SMART objectives
  - Scheme of Work (10 marks)
- Discuss briefly the importance of studying biology in secondary schools (5 marks)
- Citing relevant examples give factors to consider when making a scheme of work for teaching biology (10 marks)
- Highlight the differences between manual and stencil scoring (5 marks)

### **QUESTION TWO**

- Discuss the advantages of preparing lesson plans/ notes (10 marks)

b) What are the factors to consider in choosing a teaching method (10 marks)

**QUESTION THREE**

Write short notes on types of evaluation methods and reasons of assessment in biology (10marks)

**QUESTION FOUR**

Using relevant examples, discuss five modern techniques of teaching biology (20 marks)

**QUESTION FIVE**

Assuming you are going to teach form one class on topics of your choice for two weeks, prepare a scheme of work which you will use in the teaching. (20 marks)