

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**FOURTH YEAR EXAMINATION FOR THE AWARD POST GRADUATE DIPLOMA  
IN EDUCATION**

**PGDE 752: PHYSICS SUBJECT METHODS**

**STREAMS: PART TIME**

**TIME: 2 HOURS**

**DAY/DATE : THURSDAY 7 /10/ 2021**

**8.30 AM – 11.30 AM**

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**INSTRUCTIONS:**

- Answer question one and any other two
- Do not write anything on this paper

- Q1. (a) Explain five objectives of teaching physics in Kenya. [5 Marks]
- (b) Identify 5 attitudes developed during the study of physics. [5 Marks]
- (c) Elaborate on the scientific skills developed as a result of learning physics. [10 Marks]
- (d) Discuss the factors that have necessitated curriculum reforms in physics syllabus since independence in Kenya. [10 Marks]
- Q2. Discuss foundations of the physics curriculum in Kenya. [15 Marks]
- Q3. Planning for instruction is an important aspect of teaching. Discuss the considerations to be made by a teacher during
- (a) Introduction [5 Marks]
- (b) Lesson development [8 Marks]
- (c) Conclusion [2 Marks]

Q4. Prepare a lesson plan for a double lesson involving an experiment on any topic in physics. [15 Marks]

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