

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF POSTGRADUATE DIPLOMA IN
EDUCATION**

PGDE 752: METHODS OF TEACHING PHYSICS

STREAMS: PGDE L1B11 PT/SB

TIME: 3 HOURS

DAY/DATE: THURSDAY 01/04/2021

11.30 A.M. – 2.30 P.M.

INSTRUCTIONS

- **The paper consists four questions**
- **Answer question one and any other two questions**
- **Do not write on the question paper**

QUESTION ONE

- (a) Identify seven skills that are developed by learners through studying Physics at secondary school level. (7 marks)
- (b) Describe objectives of teaching Physics in secondary schools in Kenya. (10 marks)
- (c) Discuss the scientific attitudes developed by learners during the Physics syllabus coverage (13 marks)

QUESTION TWO

Discuss the science process skills using examples. (15 marks)

QUESTION THREE

Explain the changes that have taken place in the Physics curriculum in Kenya since independence. (15 marks)

QUESTION FOUR

Construct a 40 min lesson plan to be used to teach Physics in a form three class. You are free to choose the topic and subtopic. (15 marks)

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