

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF POST DIPLOMA IN EDUCATION

PGDE 752: PHYSICS SUBJECT METHODS

STREAMS:

TIME:3 HOURS

DAY/DATE: FRIDAY 28/04/2023

8.30 A.M. –11.30 A.M.

INSTRUCTIONS

- This paper consists of four questions
- Answer question one and any other two questions
- Do not write on this paper.

Q1. a) Describe five objectives of teaching physics in secondary schools in Kenya (5 marks)

b) Explain five attitudes that result from the teaching of physics (5 marks)

c) Expound on benefits of equipping individuals with scientific concepts in physics (10 marks)

d) Discuss challenges faced by teachers of physics in learning institutions in Kenya (10 marks)

Q2. Examine curriculum reforms in the physics syllabus in Kenya since independence

(15 marks)

Q3. Strategic planning is important for effective delivery of physics content. Discuss

a) Importance of lesson planning (10 marks)

b) Considerations made by teacher during choice of teaching/learning resources (5 marks)

Q4. There is a shift in pedagogies from expository to heuristic. Using examples give an exposition on heuristic strategies

(15 marks)