

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF POSTGRADUATE DIPLOMA IN
EDUCATION

PGDE 754: METHODS OF TEACHING BIOLOGY

STREAMS: PGDE LIBII (SB)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 5/12/2018

11.30 A.M - 1.30 P.M.

INSTRUCTIONS:

- Answer question ONE (COMPULSORY) and any other TWO Question
- Do not write anything on the question paper

1. (a) Discuss the importance of the following professional documents to a Biology teacher. [6 Marks]
 - (i) Syllabus
 - (ii) Lesson plan
 - (iii) Record of work
 - (b) Explain three factors to consider when preparing a Biology scheme of work. [6 Marks]
 - (c) Explain factors to consider when selecting Biology text books for secondary schools. [8 Marks]
 2. (a) Describe four skills practiced during the micro-teaching. [12 Marks]
 - (i) Expository approach
 - (ii) Inquiry approach
 - (b) (i) Describe type of learner organization a biology teacher can adopt in the practical work. [6 Marks]
 - (ii) Explain the benefits of the project method in teaching biology. [4 Marks]
 4. (a) Describe five main types of hazards likely to occur in a biology laboratory. [15 Marks]
 - (i) Expository approach
 - (ii) Inquiry approach
 - (b) Explain the importance of practical work in biology. [5 Marks]
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