

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR
OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

EDCI 334 A: METHOD OF TEACHING BIOLOGY

STREAMS: BSC (AGED) SB

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 11/4/2018

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER THREE
- DO NOT WRITE ON THE QUESTION PAPER

- Q1. (a) Give the difference between the syllabus and a scheme of work. [5 marks]
- (b) Explain five points to consider when preparing a biology scheme of work. [5 marks]
- (c) Give five advantages of essay type of items in biology assessment. [5 marks]
- (d) Give five reasons why lesson objectives should be stated in behavioral terms. [5 marks]

- Q2. Using the information provided below, prepare a 40 minutes lesson plan.

Information:

Lesson topic - parts of a leaf and their functions

Objectives – the learner should be able to:

- (i) Name parts of the leaf
- (ii) State functions of the parts of the leaf [15 marks]
- Q3. (a) Give seven advantages of using projects when teaching biology. [7 marks]
- (b) Explain the importance of practical work in biology. [8 marks]

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4. Discuss hazards in the biology laboratory. [15 marks]
5. (a) Describe five skills practiced during micro-teaching. [5 marks]
- (b) Give ten objectives of teaching biology in secondary schools. [10 marks]
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