



EMBU UNIVERSITY COLLEGE

(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

FIRST SEMESTER EXAMINATIONS 2014/2015

**THIRD YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN
AGRICULTURAL EDUCATION AND EXTENSION**

TCT 331: SUBJECT METHODS: BIOLOGY

DATE: DECEMBER 11, 2014

TIME: 13:30 -15:30

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE

- a) Explain five examples of positive contributions of Biology to the welfare of mankind (5 marks)
- b) Explain how Biology enables us to understand ourselves and our environment better. (5marks)
- c) Outline any five aspects that assessment tools should measure. (5 marks)
- d) State any ten cross- section of titles on various areas of Biology that one should plan to have
While purchasing books (5 marks)
- e) Explain the TEN principles that guide in selection of content in a syllabus (5 marks)
- f) Outline the essential components of a scheme of work (5 marks)

QUESTION TWO

Write an essay on the various ways in which Biological knowledge and skills have been misused

(20 marks)

QUESTION THREE

Describe the main objectives of the current secondary school Biology course (20 marks)

QUESTION FOUR

Explain the various resources and facilities used in Biology teaching (20 marks)

QUESTION FIVE

Outline five teaching methods and for each indicate the teaching approach which goes with it

(20 marks)

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