

EPE 314



OFFICE OF THE DEPUTY PRINCIPAL  
ACADEMICS, RESEARCH AND STUDENTS' AFFAIRS

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## UNIVERSITY EXAMINATIONS

### 2018/2019 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER PART-TIME EXAMINATION

**FOR THE DEGREE OF BACHELOR OF  
EDUCATION (ECPE)**

**COURSE CODE: EPE 314**

**COURSE TITLE: METHODS OF TECHING SCIENCE IN  
EPE**

**DATE: 15<sup>TH</sup> APRIL, 2019**

**TIME: 2.00 PM – 5.00 PM**

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### INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF 3 PRINTED PAGES

PLEASE TURN OVER

EPE 314  
EPE 314: METHODS OF TECHING SCIENCE IN EPE

**STREAM: BED (Primary Education) DURATION: 3 Hours**

**INSTRUCTIONS TO CANDIDATES**

- i. Answer Question ONE and any other TWO questions.*
- ii. Do not write on the question paper.*

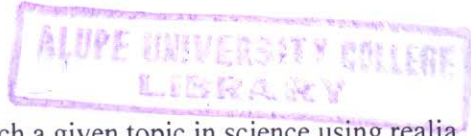
**Question One**

- a) Briefly differentiate between science content and scientific skills. (4 Marks)
- b) Outline **six** attributes of scientific knowledge. (6Marks)
- c) State **four** objectives of teaching science in primary school. (4Marks)
- d) State **three** merit importance of many practical to access learners. (3Marks)
- e) Explain how you would use ICT to teach blood circulatory system in primary science. (4Marks)
- f) Inquiry based learning is one of the most effective learning approaches in sciences. Explain 4 methods that are based on this approach. (6Marks)
- h) State the components of a well prepared scheme of work. (3Marks)

**Question Two**

Describe any **five** scientific process skills that should be learnt by pupils in primary school.

(20 Marks)



**Question Three**

Write a 35 minute lesson plan that you would use to teach a given topic in science using realia.

(20 Marks)

**Question Four**

Briefly describe the **five** aspects of teacher preparation before teaching a practical lesson in class.

(20Marks)

**Question Five**

Assessment is an important process in teaching and learning. Describe various ways of assessment and evaluation as used in science teaching/learning.

(20Marks)

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