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OFFICE OF THE DEPUTY PRINCIPAL
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UNIVERSITY EXAMINATIONS

2018/2019 ACADEMIC YEAR

FOURH YEAR FIRST SEMESTER PART-TIME EXAMINATION

FOR THE DEGREE OF BACHELOR OF EDUCATION (ECPE)

COURSE CODE: EPE 417

COURSE TITLE: SCIENCE EDUCATION II

DATE: 26TH APRIL, 2019

TIME: 9.00 AM – 12.00 PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF 3 PRINTED PAGES

PLEASE TURN OVER

EPE 417: SCIENCE EDUCATION II

STREAM: BED (Primary Education)DURATION: 3 HoursINSTRUCTIONS TO CANDIDATES

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

Question One

- a) Differentiate between science as a process and science skills. (4 Marks)
- b) State **four** methods of evaluating science (4 Marks)
- c) Differentiate between integrated science and specialized science (4 Marks)
- d) Explain the **two main** contributions of John Dewey to science teaching and learning. (5 Marks)
- e) Briefly explain the role of ethics in science. (4 Marks)
- f) Outline **five** benefits of using audio visual aids in science teaching. (5 Marks)
- g) Briefly explain **four** science programs that can be established in school so as to boost the teaching and learning of science. (4 Marks)



Question Two

Prepare a 35 minutes lesson plan on how you would practically teach a given science topic in class six. (20 Marks)

Question Three

a) Explain the behaviorist theory of learning. (10 Marks)

b) Explain the implications of the theory in 3 (a) to the teaching and learning of science at primary school level. (10Marks)

Question Four

Briefly explain **five** factors that have impeded the pace of integration of ICT in primary school teaching and learning. (20 Marks)

Question Five

Explain **five** factors to be considered in choosing a teaching aid. (20 Marks)
