



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
ECDE
3RD YEAR 2ND SEMESTER 2017 ACADEMIC YEAR
(REGULAR - MAIN CAMPUS)

COURSE CODE : EEC 3324

COURSE TITLE : SCIENCE CURRICULUM, INSTRUCTION AND ASSESSMENT

EXAM VENUE:

STREAM:

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions

1. Answer Question ONE (COMPULSORY) and ANY other 2 questions
2. Candidates are advised not to write on the question paper
3. Candidates must hand in their answer booklets to the invigilator while in the examination room.

- 1 (a) Define the terms below:
- (i) Science (4marks)
 - (ii) Concept (4marks)
 - (iii) Hypothesis (4marks)
- (b) Explain the nature of Science (4marks)
- (c) Outline science themes taught in Pre- School (8marks)
- (d) Explain three types of records in Science (6marks)
- 2 (a) Explain four factors to consider when choosing a recording method in Science (10marks)
- (b) Explain the Scientific process of solving problems. (10marks)
- 3 Discuss four methods and approaches of teaching Science. (20marks)
- 4 Explain four skills children develop when learning Science (20marks)
- 5 (a) Prepare a one week schemes of work on the theme animals (10marks)
- (b) Write a lesson plan from the above scheme of work. (10marks)