



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION ECDE
3RD YEAR FIRST SEMESTER 2022/2023 ACADEMIC YEAR
(INSTITUTION BASED-MAIN CAMPUS)

COUSE CODE:	EEC: 3324
COURSE TITTLE:	SCIENCE CURRICULUM INSTRUCTION AND ASSESSMENT
EXAM VENUE:	STREAM: BED. ECDE
DATE:20/12/2022	EXAM SESSION: 9.00-11.00AM
TIME: 2HRS	

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.**

QUESTIONS.

1. Define the following terms below (6mks)
 - i. Science
 - ii. Concept
 - iii. Hypothesis
- b) Outline **six** objectives of teaching science in ECDE (6mks)
- c) Describe the connection between science and other activity areas? (6mks)
- d) Explain the benefits of inquiry based learning (6mks)
- e) Explain the importance of teaching science in ECDE? (6mks)
2. Discuss age appropriate activities that promote development of science (20mks)
3. a) Design a one week schemes of work on the theme “animals” and sub-theme “domestic animals” (10mks).
- b) Write a lesson plan from the above schemes. (10mks)
4. a) Discuss **four** ways of acquiring teaching and learning materials for science in ECDE (10mks)
- b) Describe **four** science curriculum instructions strategies in Early childhood (10mks)
5. a) Discuss **four** basic principles for Developmentally Appropriate practices? (10mks)
- b) Explain **three** methods of assessment for science in ECDE (10mks)