



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF EDUCATION**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION**  
**(EARLY CHILDHOOD EDUCATION)**  
**3<sup>RD</sup> YEAR 2<sup>ND</sup> SEMESTER 2015/2016 ACADEMIC YEAR**  
**KISII CAMPUS-SCHOOL BASED**

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**COURSE CODE: EEC 3324**

**COURSE TITLE: SCIENCE CURRICULUM AND INSTRUCTION ASSESSMENT**

**EXAM VENUE: LR 10**

**STREAM: (B.ECDE)**

**DATE: 28/04/2016**

**EXAM SESSION: 2.00 – 4.00 PM**

**TIME: 2.00 HOURS**

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**Instructions:**

- 1. Answer all questions in section A and any other 2 questions in Section B.**
- 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**

## **SECTION A**

### **QUESTION ONE (30MKS)**

a) Explain the following terms

i) Teaching science as an inquiry (7 marks)

ii) Collaborative learning (7 marks)

b) Describe five ways of assessing young children in early childhood and development education centers. (6 marks)

## **SECTION B**

### **QUESTIONS TWO**

Discuss the instructional structures that are used to teach science in early childhood and development education centers. (20 marks)

### **QUESTION THREE**

Describe various connections between science and other subject activity areas. (20 marks)

### **QUESTION FOUR**

Age appropriateness is important in teaching science subjects. Discuss. (20 marks)

### **QUESTION FIVE**

You have been given a topic to teach “plants”

Prepare;

i) A science scheme of work for two weeks (12 marks)

ii) Two lesson plans (8 marks)