



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF EDUCATION HUMANITIES AND SOCIAL SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION**

**2022/2023 ACADEMIC YEAR**

**MASTER IN EDUCATION**

**MAIN CAMPUS**

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**COURSE CODE: ECT 803**

**COURSE TITLE: INSTRUCTIONAL THEORY AND DESIGN**

**DATE: 20/12/2022**

**SESSION: 9.00-12.00NOON**

**TIME: 3 HOURS**

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**INSTRUCTIONS**

- 1. This paper consists of five (5) questions**
- 2. Answer ANY other THREE questions**
- 3. Write all answers in the booklet provided**

### **QUESTION 1**

- a. Define the term interaction in the context of the classroom teaching and learning (2mks)
- b. Why do you think interaction in the context of classroom teaching and learning can enhance learning. (8mks)
- c. Why do you think many teachers are not able to implement classroom interaction in many schools in Kenya? (10mks)

### **QUESTION 2**

- a. What is cooperative learning? (5mks)
- b. In relation to the basic elements of cooperative learning, critique cooperative learning implementation by teachers in the Kenyan classrooms (15mks)

### **QUESTION 3**

The main objective of Instructional theory and design is to “offer guidance on how to better help the youth to learn and develop” Discuss strategies of teaching and learning that are appropriate to justify this statement. (20 mks)

### **Question 4**

Discuss why the ADDIE model is used by instructional designers to plan and create training programmes? (20mk)

### **Question 5**

As a modern growing economy, which learning theory would be appropriate for application in Kenya’s educational system and why? (20mks)