



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

**SCHOOL OF AGRICULTURAL AND FOOD SCIENCES**

**SECOND YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR  
THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURAL  
EXTENTION EDUCATION**

**2017/2018 ACADEMIC YEAR**

**REGULAR**

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**COURSE CODE: ECT 3221**

**COURSE TITLE: EDUCATIONAL MEDIA AND RESOURCES**

**EXAM VENUE:**

**STREAM: BSc. (Agricultural Extension  
Education)**

**DATE:**

**EXAM SESSION:**

**TIME: 2 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 question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

**SECTION A [30 MARKS]**

**Answer ALL questions from this Section.**

**QUESTION 1**

- a) Explain the steps involved in communication process (12 marks).
- b) Identify any five barriers to classroom communication and how to overcome them (10 marks)
- c) Explain any four principles guiding the selection of instructional materials. (8 marks)

**SECTION B [40 MARKS]**

**Answer ANY TWO questions from this Section.**

**QUESTION TWO**

- a) Giving examples, explain the importance of establishing a resource center in a secondary school (10 marks)
- b) Explain problems that you are likely to experience when managing educational resource center (10 marks)

**QUESTION THREE**

- a) Discuss the importance of using teaching and learning resources in classroom (10 marks)
- b) Explain characteristics and qualities of a good educational resources (10 marks)

**QUESTION FOUR**

- a) Identify and explain any four features a teacher must consider in the selection process of media equipment (10 marks)
- b) Explain steps that a teacher should use for effective use of instructional materials (10 marks)

**QUESTION FIVE**

- a) State four benefits of using a television in learning (4marks)
- b) Explain five qualities of a good radio program (10marks)
- c) Explain the importance of a resource person in teaching and learning ( 6 marks)