

JARAMOGI OGINGA ODINGA  
UNIVERSITY OF SCIENCE AND  
TECHNOLOGY

UNIVERSITY EXAMINATION 2013/2014

**SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE  
OF BACHELOR OF EDUCATION ARTS/SCIENCE {SCHOOL BASED}**

**COURSE CODE: ECT 211**

**TITLE: EDUCATIONAL MEDIA AND RESOURCES**

**DATE:**

**TIME:**

**DURATION: 2 HOURS**

**INSTRUCTIONS**

- 1. This paper contains FIVE (5) questions**
- 2. Answer question 1 (Compulsory) and ANY other 2 Questions**
- 3. Write all answers in the booklet provided**

**QUESTION 1 (Compulsory)****(30 Marks)**

- a) Define the term “**Communication**” in reference to teaching and learning (2 marks)
- b) With the aid of a diagram, **explain** Laswell’s model of communication and how it applies to classroom instruction (6 marks)
- c) **Explain** why a teacher should select media for teaching and learning? (5 marks)
- d) Identify and **describe** four main features that a teacher should consider when choosing a textbook instruction (8 marks)
- e) **Outline** the functions of non-verbal communication in aiding effective classroom instruction. (5 marks)
- f) Define the term Media with regard to teaching and learning and identify the **three broad categories** of media commonly used in schools. (4 marks)

**QUESTION 2**

- a) Giving an example, **define** the term Visual media (2 marks)
- b) **Describe** any four uses of visual media in the teaching and learning processes (8 marks)
- c) Your intend to design a Visual teaching aid for your lesson, **discuss** any five rules you will use to guide your design process (10 marks)

**QUESTION 3**

- a) **Discuss** the benefits and limitations of using a Radio as a teaching and learning resource (7 marks)
- b) Identify and **explain** the 3 most important stages involved in the process of using school radio programmes in teaching and learning (10 marks)
- c) Why is it important to edit a radio program **before** it is used in teaching and Learning? (3 marks)

**QUESTION 4**

- a) Identify and **explain** the main parts of a computer (6 marks)
- b) **Explain** any four significance of using computers during teaching and learning processes (8 marks)
- c) Assuming you are a consultant, **discuss** six factors you would advise the Kenyan Government to consider to ensure successful implementation of the intended lap-top project in primary schools (6 marks)

**QUESTION 5**

- a) **Describe** any four roles of Non-professionals who work in a Learning Resource Centre (4 marks)
- b) **Identify and Explain** five factors you would consider when designing and establishing a Learning resource centre in your school (10 marks)
- c) Giving examples, **identify** three sources from which a school learning resource centre can obtain resource materials in Kenya (6 marks)