



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**SECOND YEAR FIRST SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF EDUCATION WITH INFORMATION
TECHNOLOGY**

HOMA-BAY CAMPUS

ECT 211: EDUCATIONAL MEDIA AND RESOURCES

Date: 4th December, 2015

Time: 8.00 - 10.00 am

INSTRUCTIONS:

- Answer question ONE and any other TWO questions.



QUESTION ONE: Compulsory (30marks)

- a) Identify any three internal and three external barriers to effective communication in the classroom (6marks)
- b) Using specific examples, list any six characteristics of the three-dimensional materials (models) that make them valuable for instructional purposes (6marks)
- c) Name the three types of outdoor laboratories in your community giving any two examples in each case (6marks)
- d) State any three advantages and three disadvantages of using radio programmes for teaching and learning. (6marks)
- e) Critique the use of any three types of identified "social media" (as new information technologies) for teaching any of your subjects (6marks)

QUESTION TWO

- a) Explain any two advantages and two disadvantages of "communication models" (4marks)
- b) Compare and contrast Shannon-Weaver and Berlo's models of communication within the context of teaching and learning (16marks)

QUESTION THREE

Describe how you would plan and conduct a community based learning experience highlighting the benefits and challenges that would arise from such a learning experience (20marks)

QUESTION FOUR

A teacher may acquire instructional materials by either:

- a) Designing and producing them or
- b) Selecting them

Discuss the factors or principles that would guide the teacher in each of the above processes (20marks)

QUESTION FIVE

- a) Outline the steps you would take to establish a learning resource centre (or multi-media centre) in your school, giving any four educational benefits for such a centre (14marks)
- b) Explain why using the television for instruction may be both beneficial and detrimental to the learners (6marks)