



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
(ARTS)
2NDYEAR 2ND SEMESTER 2015/2016 ACADEMIC YEAR
KISII CAMPUS-SCHOOL BASED

COURSE CODE: ECT 211

COURSE TITLE: EDUCATIONAL MEDIA AND RESOURCES

EXAM VENUE:

STREAM: (Bed. ARTS)

DATE: 25/04/2016

EXAM SESSION: 2.00 – 4.00 PM

TIME: 2 HOURS

Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 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.**

QUESTION ONE

- (a) (i) Define **instructional technology** (2 marks)
- (ii) How is instructional technology likely to influence the following in future?
- 1) Curriculum implementation (3 marks)
 - 2) Classroom instruction (3 marks)
 - 3) Assessment modalities (3 marks)
- (b) (i) Discuss four advantages of instructional media in the teaching-learning process (4 marks)
- (ii) Explain the challenges facing secondary school teachers in using instructional technology in teaching and learning processes. (4 marks)
- (c) Discuss key factors a classroom teacher should consider when selecting instructional media. (5 marks)
- (d) Describe the interactive communication model (6 marks)

QUESTION 2

- (a) Describe **Shannon's (1948)** Model of communication and its application to the teaching and learning process. (11 marks)
- (b) Discuss four characteristics of good visuals in educational media (9 marks)

QUESTION 3

- (a) (i) Describe six varieties of instructional media (2 marks)
- (ii) Outline four advantages of print media (8 marks)
- (b) Explain five functional uses of text books. (10 marks)

QUESTION 4

- (a) Explain five functions of educational broadcasts in teaching-learning process. (10 marks)
- (b) Describe five challenges hindering integration of multimedia into teaching and learning process. (10 marks)

QUESTION 5

- (a) Explain why the chalkboard has remained the oldest and the most common used non-projected instructional medium in schools. (12 marks)
- (b) Describe the main elements in the communication process in relation to teaching/learning. (8 marks)