



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS
DEPARTMENT OF COMPUTER SCIENCE & SOFTWARE ENGINEERING
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS
ADMINISTRATION
3RD YEAR 1ST SEMESTER 2015/2016 ACADEMIC YEAR
MAIN CAMPUS - SCHOOL BASED

COURSE CODE: SCS 310

COURSE TITLE: MULTIMEDIA AND GRAPHICS

EXAM VENUE: HALL 2

STREAM: BBA

DATE: 1/05/16

EXAM SESSION: 2.00 – 4.00 PM

TIME: 2.00 HOURS

INSTRUCTIONS

- 1. Answer Question 1 (Compulsory) and ANY other TWO 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.**

SECTION A: ANSWER ALL QUESTIONS {30 MARKS}.

QUESTION 1

- a) What is your understanding of the term Multimedia {4 marks}
- b) Discuss the five elements of multimedia {10 marks}
- c) Differentiate between Hypermedia and HyperText {4 marks}
- d) Differentiate between Linear and Non Liner Multimedia giving examples in each case {6 marks}
- e) Discuss at least three challenges to Multimedia systems {6 marks}

SECTION B (PICK ANY TWO QUESTIONS)

QUESTION 2

- a) Discuss at least four methods of computer animation giving examples in each case {12 marks}
- b) What are multimedia Authoring Tools, list five tools used for multimedia Authoring {8 marks}

QUESTION 3

- a) Describe the desirable features for a Multimedia Systems {10 marks}
- b) Highlight the areas of application of Multimedia and Hypermedia {10 marks}

QUESTION 4

- a) Explain the characteristics of a multimedia System {8 marks}
- b) Describe the challenges for Multimedia Systems {6 marks}
- c) State the key issues Multimedia Systems need to deal with {6 marks}

QUESTION 5

In our day to day interactions today we come across many multimedia products. List and discuss at least six multimedia products {20 marks}