



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS IN**  
**BUSINESS ADMINISTRATION WITH I.T/ BA INTERNATIONAL RELATIONS AND**  
**DIPLOMACY**  
**3<sup>RD</sup> YEAR 1<sup>ST</sup> SEMESTER 2018/2018 ACADEMIC YEAR**  
**NAIROBI/NAMBALE CAMPUS**

---

**COURSE TITLE: MULTI MEDIA AND GRAPHICS**

**COURSE CODE: SCS 310**

**VENUE:**

**DATE: 15/08/19**

**EXAM SESSION 9AM -11AM**

**TIME: 2 HOURS**

---

**Instructions**

1. Answer question 1 (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 30 MARKS**

- a) Define the following terms (8 marks)
  - i) Multimedia?
  - ii) A Multimedia Application
  - iii) Multimedia System
  - iv) Graphics
- b) Name and explain two types of multimedia and give one example in each. (6 marks)
- c) Name at least two authoring tools of multimedia (2 marks)
- d) What is the difference between Hypertext and Hypermedia (4 marks)
- e) State five examples of Hypermedia Applications. (5 marks)
- f) State five examples of Multimedia Applications. (5 marks)

**QUESTION TWO: 20 MARKS**

- a) Discuss five Key Issues Multimedia Systems need to deal with (10 marks)
- b) Name and explain five Desirable Features for a Multimedia System (10 marks)

**QUESTION THREE: 20 MARKS**

- a) State and explain five Physical components of a Multimedia System (10 marks)
- b) Name and describe four basic stages of multimedia project development. (10 marks)

**QUESTION FOUR: 20 MARKS**

- a) Multimedia application consists of several elements, name and explain any four of these media elements. (10 marks)
- b) Discuss five benefits of multimedia (10 marks)

**QUESTION FIVE 20 MARKS**

- a) Differentiate between the following terms as used in Multimedia: (8 marks)
  - i) Captured media vs synthesized media
  - ii) Discrete media vs continuous media
- b) Explain four basic Characteristics of a Multimedia System (8 marks)
- c) List four areas that drives computer graphics (6 marks)