



# TECHNICAL UNIVERSITY OF MOMBASA

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INSTITUTE OF COMPUTING AND INFORMATICS

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION

TECHNOLOGY

**UNIVERSITY EXAMINATION FOR:**

DICT JAN 2015

EIT 2206: MULTIMEDIA SYSTEMS

END OF SEMESTER EXAMINATION

**SERIES: APRIL 2016**

**TIME: 2 HOURS**

**DATE:** Pick Date Select Month Pick Year

## **Instructions to Candidates**

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt any **THREE** questions.

**Do not write on the question paper.**

Q1(a) Define the following terms

- i) multimedia
- ii) Interactive multimedia
- iii) Hypermedia
- iv) Hypertext
- v) World Wide Web

(10 marks)

(b) Describe the text as a multimedia block

(6 marks)

c) State any four software applications in the market for writing and editing text.

(4 marks)

Q2 Explain the five building blocks of multimedia

(20 marks)

Q3 Explain any five Applications areas of Multimedia

(20 marks)

Q4.(a) Describe the following categories of graphics

- i. Bitmap Graphics
- ii. Vector Graphics

(8 marks)

(b) There are many file formats used to store bitmaps and vectored drawing. List any five file formats.

(5 marks)

c) i Explain the term animation as a multimedia block

(2 marks)

d) State any five software applications in the market for animations.

(5 marks)

Q5(a) Explain the following audio editing operations in multimedia.

- i. Multiple Tasks
- ii. Trimming
- iii. Splicing and Assembly
- iv. Volume Adjustments
- v. Format Conversion

(10 marks)

(b) Explain the following Animation Techniques

- i. Cel Animation
- ii. computer animation
- iii. Kinematics**

**(10 marks)**