



# TECHNICAL UNIVERSITY OF MOMBASA

*Faculty of Business & Social Studies*

DEPARTMENT OF MEDIA & GRAPHIC DESIGN

UNIVERSITY EXAMINATIONS FOR DEGREE IN  
BACHELOR OF JOURNALISM AND MASS COMMUNICATION

## **BMC 4315: AUDIO PRODUCTION**

SUPPLEMENTARY/SPECIAL EXAMINATIONS

**SERIES:** MARCH 2014

**TIME:** 2 HOURS

### **INSTRUCTIONS:**

- This paper consists of **TWO** Sections **A & B**.
  - Section **A** is **Compulsory**.
  - Answer any other **Two** questions in Section **B**.
- This paper consists of Two printed pages***

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### SECTION A (Compulsory)

#### QUESTION 1

- a) Define the following recording techniques:
- i) Analog recording. (2 marks)
  - ii) Digital recording (2 marks)
  - iii) Multitrack recording (2 marks)
- b) What is the difference between destructive and non destructive editing? (2 marks)
- c) State **THREE** advantages of digital audio. (6 marks)
- d) Define the following:

- i) Submixing (2 marks)
- ii) Patching (2 marks)

- e) The way a sound is initiated is called attack. With atleast **TWO** examples define the **TWO** types of attack in sound. (8 marks)
- f) Explain the audio visual phenomena that is synchresis. (2 marks)

**SECTION B (Answer any Two Questions)**

**QUESTION 2**

- a) With the aid of a diagram. Explain the signal flow of sound with a mixer. (10 marks)
- b) Explain the **FIVE** common mistakes in a commercial production. (10 marks)

**QUESTION 3**

- a) Explain the difference between mono and stereo sound. (10 marks)
- b) Editing is the process of manipulating digital audio files, using sound editing software. Identify at least **FIVE** common editing modifications that may be made to sound files. (10 marks)

**QUESTION 4**

- a) Define mixing and mastering as used in music production and identify the **THREE** basic mixing tools. (10 marks)
- b) Identify any **FIVE** benefits of multitracking. (10 marks)