



**TECHNICAL UNIVERSITY OF MOMBASA**  
***School of Humanities & Social Studies***

DEPARTMENT OF MEDIA & GRAPHIC DESIGN

UNIVERSITY EXAMINATIONS FOR DEGREE IN  
BACHELOR OF JOURNALISM AND MASS COMMUNICATION  
(BJMC YII, SII)

**BMC 4213: RADIO PRODUCTION**

SPECIAL/SUPPLEMENTARY EXAMINATIONS

**SERIES: JUNE/JULY 2015**

**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**

Define the following terms

- |                    |           |
|--------------------|-----------|
| a) Acoustics       | (2 marks) |
| b) Psychoacoustics | (2 marks) |
| c) Compression     | (2 marks) |
| d) Rarefaction     | (2 marks) |
| e) Frequency       | (2 marks) |
| f) Amplitude       | (2 marks) |
| g) Digital audio   | (2 marks) |

## QUESTION 2

- a) With the help of a diagram define a sound cycle. **(6 marks)**
- b) State the **TWO** prime factors that periodic motion depends on. **(4 marks)**
- c) State the **THREE** functions of the digital system in the analog to digital conversion of sound. **(6 marks)**

### SECTION B (Answer any Two Questions)

## QUESTION 3

- a) As a radio producer, enlighten the trainee producer on the breakdown of what a typical field recording session might look like. **(10 marks)**
- b) Educate the trainee on the steps to follow in conducting a studio recording. **(10 marks)**

## QUESTION 4

With the help of diagrams discuss the **THREE** main types of microphones, their advantages, disadvantages and typical uses. **(20 marks)**

## QUESTION 5

- a) Discuss atleast **FIVE** points on how radio can be utilized by the community. **(10 marks)**
- b) Define what a script is and discuss why it is important to have one in radio production. **(10 marks)**