



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 4303: AUDIO PRODUCTION

END OF SEMESTER EXAMINATIONS

SERIES: APRIL 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

SECTION A (Compulsory)

QUESTION 1

Define the following terms:

- | | |
|-------------------|-----------|
| a) Pure tone | (2 marks) |
| b) Fundamental | (2 marks) |
| c) Overtones | (2 marks) |
| d) Harmonics | (2 marks) |
| e) Rarefaction | (2 marks) |
| f) Compression | (2 marks) |
| g) Timbre | (2 marks) |
| h) Rhythm | (2 marks) |
| i) Pitch | (2 marks) |
| j) Psychocoustics | (2 marks) |

- k) Decay (2 marks)
- l) Sustain (2 marks)

QUESTION 2

With examples differentiate the following

- a) Low frequencies. (2 marks)
- b) Mid-range frequencies. (2 marks)
- c) High frequencies. (2 marks)

SECTION B (Answer any Two Questions)

QUESTION 3

As an audio producer, advising an intern in your production studio explain to them the following, with the help of diagrams:

- a) Stereo miking techniques and when to use them. (10 marks)
- b) Miking technique according to the working distance. (10 marks)

QUESTION 4

- a) Discuss the **SEVEN** guides to radio creativity as relates to radio commercial production. (14 marks)
- b) In the light of the above, create a 30 seconds PSA on environmental issues. (6 marks)

QUESTION 5

- a) With the help of labelled diagram explain in detail the signal flow of sound in a home studio. (15 marks)
- b) State the contents of an Mbox as used in audio production. (5 marks)