



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

END OF SEMESTER EXAMINATIONS

SERIES: DECEMBER 2013

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 terms

- | | |
|----------------|----------|
| i) Pitch | (2marks) |
| ii) Timbre | (2marks) |
| iii) Harmonics | (2marks) |
| iv) Loudness | (2marks) |
| v) Rhythm | (2marks) |
| vi) Attack | (2marks) |
| vii) Sustain | (2marks) |
| viii) Decay | (2marks) |

ix) Speed (2marks)

- b) Identify any 3 functions of the digital console. (6marks)
- c) Define multi-track recording. (2marks)
- d) What is the difference between the terms Audio and sound. (4marks)

SECTION B (Answer any TWO questions)

QUESTION 2

- a) Identify any 5 miking techniques in relation to the working distance. (10marks)
- b) What is bleed and what methods can be used to prevent it. (10marks)

QUESTION 3

When thinking of doing a recording for a production one has a choice between a home studio and a professional studio clearly illustrate the advantages and disadvantages of each these options. (20marks)

QUESTION 4

- a) Explain the following effects as used in music production.
 - i) Compression (2marks)
 - ii) Noise Gate (2marks)
 - iii) Expansion (2marks)
 - iv) Reverb (2marks)
 - v) Equalization (2marks)
- b) With the aid of a diagram explain the signal flow of sound without a mixer. (10 marks)