



# TECHNICAL UNIVERSITY OF MOMBASA

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SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF COMMUNICATION STUDIES

**UNIVERSITY EXAMINATION FOR:**

**BACHELOR OF JOURNALISM AND MASS COMMUNICATION**

**BMC 4303: AUDIO PRODUCTION**

**END OF SEMESTER EXAMINATION**

**SERIES:DECEMBER2016**

**TIME:2HOURS**

**DATE:**Pick DateDec2016

## Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attemptquestion ONE (Compulsory) and any other TWO questions.

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

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## **Question ONE**

a. Define the following terms as used in audio production

- a. Audio. (2 marks)
- b. Analogue recording equipment. (2 marks)
- c. Computer-Mediated Communication (CMC). (2 marks)
- d. Digital audio. (2 marks)
- e. Digital audio player (DAP). (2 marks)
- f. Microphone. (2 marks)
- g. Podcasting. (2 marks)
- h. Voice over Internet Protocol (VoIP). (2 marks)
- i. Sound. (2 marks)
- j. Transducer. (2 marks)

b. Describe the TWO (2) factors that determine the quality of a digital recording. 4 marks

c. Describe any three common mistakes for one to avoid in audio production (6 marks)

### **Question Two**

a. As a skilled audio producer, define Tracking and outline its benefits (10 marks)

b. We hear sounds because our ears are sensitive to sound waves. Some sound waves are short, sudden events like the handclap while other sound waves are longer events; a ringing bell serves as a good example of this. With the help of diagrams define sound and describe the sounds waves of these two events. (10 marks)

### **Question Three**

As a professional radio producer, you have been contracted to produce an audio album for the TUM choir, with the help of diagrams discuss the working concepts of the stereophonic microphone techniques you may use in the recording. (20 marks)

### **Question Four**

A group of new interns have just reported to Tum Radio for their three months industrial attachment. As the Station Manager discuss with them the steps to follow to achieve fantastic audio pieces (20 marks).

### **Question Five**

You have been invited to talk to the Year Three students at the Technical University of Mombasa taking a course in audio production. With the help of a diagram explain to them the signal flow of sound in a professional studio. (20 marks)