



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Department of Communication Studies

UNIVERSITY EXAMINATION FOR:

BACHELOR OF BROADCAST JOURNALISM

HBJ4301: AUDIO PRODUCTION

END OF SEMESTER EXAMINATION

SERIES:DECEMBER 2024

TIME:2HOURS

DATE:Pick DateDec2024

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.

QN 1

- a. Define the following terms as used in audio production:
 - a. psychoacoustics (2 marks)
 - b. A digital recording. (2 marks)
 - c. Tracking. (2 marks)
- b. Explain FOUR benefits of tracking in audio production (4 marks)
- c. Define bleed and explain the four methods to prevent it in audio production (10 marks)
- d. State any FIVE editing modifications that may be made to audio files. (10 marks)

QN 2

You have been tasked to facilitate a field recording in the Maasai Mara game reserve.

- a) Discuss the tools of trade you would need for a successful field recording (10 marks)
- b) Discuss the prerecording tips you need to observe for a successful field recording experience. (10 marks)

QN 3

As a sound professional, you have been contracted to produce a live music concert by the County Government of Mombasa, with the help of diagrams discuss the working concepts of the stereophonic microphone techniques you may use. (20 marks)

Qn 4

Discuss at least five advantages and five disadvantages of both the professional audio studio and a home audio studio (20 marks)

Qn 5

Microphones are an important component in audio recording. With the help of diagrams discuss the three basic types of microphones, their uses, advantages, and disadvantages.
(20 marks)