



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Department of Communication Studies

UNIVERSITY EXAMINATION FOR: BACHELOR OF JOURNALISM & MASS COMMUNICATION HMC 4407: ADVANCED RADIO PRODUCTION

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 2024

TIME: 2 HOURS

DATE: Dec 2024

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass, and student ID)

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

Do not write on the question paper.

Question ONE

- Explain the THREE large-scale audio production processes in a studio. (6marks)
- Explain any two transducers in the studio and how they operate. (4 marks)
- State any FIVE editing modifications that may be made to sound files in a studio recording. (10 marks)
- Discuss any five functions of the console in the studio (10 marks).

Question TWO

Recording and producing short pieces of audio is part of the production situations in a studio. Discuss the top ten concepts that interact to produce successful radio advertisements in the studio. (20 marks)

Question THREE

A home studio deals with less complexity in comparison to a professional studio. A home studio generally has only a few microphones, no console, and a basic audio interface like a Mbox (for Pro Tools), or an Apogee Duet (for Logic). With the help of a diagram, discuss the signal flow in a home studio. (20 marks)

Question FOUR

Microphones are an important component in production studios. With the help of diagrams, discuss the three basic types of microphones, their uses, advantages, and disadvantages.

(20 marks)

Question FIVE

Your studio team has been contracted by the Technical University of Mombasa to do a field recording.

1. Identify the tools of the trade you would need to successfully do the recording (4 marks).
2. Tips to keep in mind before venturing out to do the field recording (8 marks).
3. Describe what a typical field recording session might look like (8 marks).