



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Department of Communication Studies

UNIVERSITY EXAMINATION FOR:
BACHELOR OF BROADCAST JOURNALISM

HBJ 4301: 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. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

QN 1

Define the following terms as used in audio production

- a) Audio. (2 marks)
- b) Analogue recording equipment. (2 marks)
- c) Bandwidth (2 marks)
- d) Digital audio. (2 marks)
- e) Wavefront (2 marks)
- f) Microphone. (2 marks)
- g) Podcasting. (2 marks)
- h) Decibel (2marks)
- i) Sound. (2 marks)
- j) Transducer. (2 marks)

QN 1B

With practical examples, explain the uses of music in audio production (10 marks)

QN 2

- a) Discuss any five equipment and their functions an audio production studio. (5marks)
- b) With examples, explain the seven functions of the console board and why it's necessary in an audio studio. (15marks)

QN 3

As a audio professional working in a media house, discuss the top ten concepts that interact to produce successful radio advertisements. (20 marks)

QN.4

Studio etiquette is very important in Audio Production. Discuss studio etiquette in relation to the following;

- a. Microphones. (5 marks)
- b. Amplifiers and headphones. (5 marks (5 marks)
- c. Cabling and stands. (5 marks)
- d. Good working practise. (marks)

QN. 5

With the help of a diagram, explain the analogue to digital conversion of sound in a professional audio studio. (20 marks)