



PAN AFRICA CHRISTIAN UNIVERSITY

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

**END OF SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF ARTS IN COMMUNICATION**

SEPTEMBER-DECEMBER 2018 SEMESTER

CAMPUS: ROYSAMBU

DEPARTMENT: COMMUNICATION, LANGUAGES & LINGUISTICS

COURSE CODE: JMS301

COURSE TITLE: AUDIO TECHNIQUES

EXAM DATE: MONDAY 3RD DECEMBER 2018

DURATION: 3 HOURS

TIME: 2:00PM-5.00PM

INSTRUCTIONS

- Read the instructions and questions carefully before you write the answers.
- Write your **STUDENT NUMBER** in the Answer Booklet given
- This exam paper has **Two (2)** sections **A & B**
- Answer **All** questions in section **A (Compulsory)** and any other **ONE** question from section **B**
- *Write clearly and legibly.*

➤ *ALL PAC University's examination rules and regulations apply*

SECTION A - Total 30 marks

QUESTION ONE (COMPULSORY)

a) Define the following terminologies as used in audio production.

Audio (1mk)

Feedback (1mk)

Phase cancellation (1mk)

b) Outline **four** different audio production scenarios you can find yourself applying the skills learnt in the audio techniques class. (4mks)

c) Describe any **three** functions of a Digital Audio Workstation (DAW). (6mks)

d) Apart from mixing together two or more audio signals, explain **four** other functions of audio mixers/consoles? (8mks)

e) While purchasing a microphone for audio production, it is always important to consider aesthetic, economical and technical factors. Justify **three** factors to consider in selecting the right microphone for journalistic assignments. (9mks)

SECTION B – Total 20 marks

QUESTION TWO (20mks)

Describe in depth the measures observed while designing and acoustically treating a sound recording studio.

QUESTION THREE (20mks)

Using a well labeled illustration and list of appropriate equipment, describe the sound signal flow of how you would set up sound for the recording of a TV interview involving a host, panel and a live audience who will have a Question and Answer session.

QUESTION FOUR (20mks)

Discuss the technical implications of the following in the recording of a professional voice.

a) Pops/blasting (5mks)

b) Audio levels and distortion (5mks)

c) Room ambience/reverberation (5mks)

d) A broadcast voice tone (5mks)