Dr. Babasaheb Ambedkar Open University
Term End Examination March – 2021

Course	**:**	**BCADES**	**Date**	**:**	**17-March-2021**
Subject Code	**:**	**BCADES-105**	**Time**	**:**	**10:00am to 12:00pm**
Subject Name	**:**	**Digital Audio**	**Duration**	**:**	**02 Hours**
			Max. Marks	**:**	**50**

Section A

Answer the following (Attempt any two) **(20)**

1. Explain working with Microphones and its Types
2. Explain Sound Mixer and its functions
3. Explain about Audio processing in detail
4. Explain various digital audio file formats in detail

Section B

Answer the following (Attempt any three) **(15)**

1. Short note on Sound
2. Short note on dynamic microphone
3. Short note on Microphone Impedance
4. Short note on Channel Assigning & Panning
5. Short note on Equalization

Section C

Part – A (Multiple Choice Questions) **(10)**

1 _____connectors are for balanced audio signals and they reduce interference risk.

A 5-pin XLR B 6.5 pin XLR
C 3-pin XLR D 3.5pin XLR

2 Global Music Outlet uses the term ____to describe its proprietary music delivery system.

A Quick Time B Real Audio
C MP4 D MP3

3 _____is a sophisticated music distribution system based on Dolby Digital and MPEG AAC.

A Liquid Audio B Mixer
C Digital Audio D None

4 _____is a widely used multimedia format from Apple Computer that supports both streaming audio and streaming video.

A Quick Time B Real Audio
C MP4 D MP3

5 _____was the first widely used system for streaming audio and video over the Internet.

A Quick Time B Real Audio
C MP4 D MP3

6 ___is then fed through a small boosting amplifier also called a line amp.

A Speaker B Amplifier

C Mixer D Mic

7 _____= capacitance, inductance, and resistance on a signal.

A Frequency B Delay

C Impedance D Echo

8 _____have equalization controls for each channel.

A Speaker B Amplifier

C Mixer D Mic

9 _____provides approximately 10:1 without significant loss of quality.

A Quick Time B Real Audio

C MP4 D MP3

10 _____has even higher levels of compression and good sound quality.

A MPEG B Real Audio

C MP4 D MP3

Part – B (Do as Directed) **(05)**

1 TAC stands for_____

2 PFL stands for_____

3 Mixers is a kind of a transducer Sound information exists as patterns of air pressure**.**(True/False)

4 16x2 16 output channels, 2 input channels**.**(True/False)

5 Level of an audio signal = Voltage level of the signal**.**(True/False)

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