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**351502**

**December-2023**

**B.A. (JMC)-Vth Semester**

**Digital Audio Production (BJMC-502-21)**

Time : 3 Hours]

[Max. Marks : 75

*Instructions :*

- 1. It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
- 2. Answer any four questions from Part-B in detail.*
- 3. Different sub-parts of a question are to be attempted adjacent to each other.*

**PART-A**

1. (a) DAW Stands For. (1.5)

(b) What is noise? (1.5)

(c) Explain sound waves. (1.5)

(d) What is frequency? (1.5)

(e) What is a condenser microphone? (1.5)

(f) Name some famous ribbon microphones. (1.5)

(g) What is mixer console? (1.5)

(h) Define Equalizer. (1.5)

(i) Define Non-Linear Editing. (1.5)

(j) What is Studio Monitor? (1.5)

## PART-B

2. (a) Difference between Simple and Complex waveforms. (10)  
(b) Difference between Digital and Analogue recording. (5)
  3. (a) What are the different characteristics of frequency bands? (5)  
(b) What is Microphone? Explain different types of microphones. (10)
  4. Describe a challenging situation where you had to troubleshoot an audio equipment failure during a recording session. (15)
  5. (a) What are the different recording formats? (5)  
(b) Define Transition, Panning, Limiting, Amplification, and compression. (10)
  6. (a) Define Acoustic, Electronic and In the Box recording. (10)  
(b) Difference between audio editing and audio mixing. (5)
  7. Explain the digital representation of audio in the broadcasting industry. (15)
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