

AUDIOGRAPH Y

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

- 1 _____ is the process of adjusting the balance between frequency components within an electronic signal.
(a) dBA (b) Frequency (c) Wave Length (d) Equalization
- 2 Give two examples for (i) Digital microphone (ii) Analog microphone
- 3 _____ is a microphone and receiver system installed in a recording/mixing console for communication.
(a) Talkback (b) Cable (c) MIDI (d) Sound monitor
- 4 _____ is a transducer that converts sound into an electrical signal.
- 5 What is MIDI? Write its uses.
- 6 What is Dynamic Range?
- 7 Write short notes about Sound monitoring.
- 8 Write short notes about Designing sound.
- 9 Write about sound tape editing.
- 10 What is digital audio editing ?

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 11 a Describe the musical sound, dynamic range & Noise.
OR
b Describe the pitch, harmonics and treatment.
- 12 a Explain the works of MIDI and mixing consoles.
OR
b Explain the importance of sound monitoring and its needs.
- 13 a Describe the off-stage recording procedures and its advantages.
OR
b Explain the process of remixing and re-recording.
- 14 a Describe the news reading styles and storytelling techniques.
OR
b Describe the importance of special effect units and equalizers.
- 15 a Write short notes about effect recording through MIDI.
OR
b Explain the digital audio editing methods and its advantages.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Explain the needs and importance of Psychoacoustics, room acoustics, control and treatment.
- 17 Describe the functions of Sound mixer.
- 18 Explain the structure of Sound recording studio and its nature.
- 19 Discuss the various audio production techniques.
- 20 Describe the growth and needs of digital audio recording and editing with your own views.