

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory with internal choice within the question.
 2. Questions may be subdivided into sub questions.

- Q.1 What are microphones? Explain the basic design of a microphone. Explain the 2 major types of Microphone along with its working? 15
- Q.2 a) What is Sound? Briefly explain the types & properties of waves along with supported diagram? 15
- OR**
- b) What do you understand by Polar pattern of Microphone? Write briefly about all its types? 08
- c) What all equipment are needed to setup a Music Production & Voice dubbing Studio? 07
- Q.3 a) How will you modify sound in postproduction? What are the 3 main processors used for it? 15
- OR**
- b) Write a short note of Analog Tape Recorders. What are pros and cons of Analog recording over Digital recording? 08
- c) What do you mean by Acoustics? Explain Reflection, Refraction, and Diffraction? 07
- Q.4 Write short notes on the following. (Any Three) 15
- a) Harmonics
 - b) Clip / Lavalier Microphone
 - c) Compressor & Limiter
 - d) Flanging &, Chorus Effects
 - e) Boom Microphone
