

**M.A. IN ELECTRONIC MEDIA PRODUCTION  
AND MANAGEMENT (MA-EMPM)**

**Term-End Examination**

00653

**June, 2019**

**EMPM-103 : UNDERSTANDING SOUND**

*Time : 2 hours*

*Maximum Marks : 40*

---

*Note : Attempt any **four** questions. All questions carry equal marks.*

---

---

1. What is a microphone ? Describe the different types of microphones with suitable diagrams. 10
  
2. What are noise and distortion ? Mention the factors responsible for noise and distortion in audio recording. How can these be controlled ? 10
  
3. Describe the following properties of sound : 5+5
  - (a) Amplitude
  - (b) Frequency

4. Describe the different tools and their functions, of any audio editing software. 10
5. What is an Audio Mixer ? Explain the functioning of an audio mixer with diagrams. 10
6. Write short notes on the following topics : 5+5
- (a) Echo vs. Reverberation
  - (b) XLR and RCA Connectors
-