Reg. No. \_\_\_\_\_\_\_\_\_\_\_\_\_



**End Semester Examination – Nov / Dec – 2019**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Code :** | **17MC2016** | **Duration :** | **3hrs** |
| **Sub. Name :** | **AUDIO PRODUCTION** | **Max. Marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Explain and elaborate on LSR. | CO3 | 20 |
| **(OR)** | | | | |
| 2. |  | Illustrate and represent the following setup:  Specification of a Sound System for 100 people with 4 Musicians and 2 Main Singers and 20 People Choir. Explain on the equipments used. | CO3 | 20 |
|  |  |  |  |  |
| 3. | a. | Classify microphones according to its construction and explain them in detail.  i) What is the application of a Boom microphone?  ii) Mention any two microphones used for hands free operation.  iii) What are Parabolic Microphones?  iv) Define Omnidirectional and Gun Pattern. | CO1 | 10 |
| b. | Highlight on a single channel and their components in a Mixer. | CO2 | 10 |
| **(OR)** | | | | |
| 4. | a. | List down the different types of cables and connectors, represent the types with diagrams. | CO1 | 10 |
| b. | Discuss on:  i) Analog Mixers. ii) Digital Mixers. | CO2 | 10 |
|  |  |  |  |  |
| 5. | a. | List down the different types of frequencies and briefly explain them. | CO1 | 10 |
| b. | Discuss on Crossovers and state their differences with a full range speaker. | CO1 | 10 |
| **(OR)** | | | | |
| 6. | a. | Enlist the 5 differences between Digital Audio Interface and Digital Audio Workstation . | CO3 | 10 |
| b. | Define and Explain:   1. Decibel ii) Transducer   iii) Hertz iv) Audio and How do they work? | CO1 | 10 |
|  |  |  |  |  |
| 7. | a. | Elaborate on:  i) Types of Microphones. ii) Techniques of Miking. | CO1 | 10 |
| b. | Discuss the Characteristics of Sound. | CO1 | 10 |
| **(OR)** | | | | |
| 8. | a. | What is EQ’ing? Express your views on how can this be used in production. | CO3 | 10 |
| b. | Explain any one Interface of Digital Audio Workstation. | CO1 | 10 |
|  | | **Compulsory**: |  |  |
| 9. |  | Explain the process of how Analog audio is converted into Digital audio. | CO2 | 20 |