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

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**End Semester Examination – Nov/Dec – 2018**

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

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

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Elaborate the types of Microphones and their functions. | CO1 | 15 |
| b. | Discuss the importance of Audio Mixer in Post Production. | CO1 | 5 |
| (OR) | | | | |
| 2. | a. | Discuss the different types of connectors and cables used in audio production. | CO1 | 10 |
| b. | What is a DAW? Explain the Interface of any one DAW. | CO2 |  |
|  |  |  |  |  |
| 3. | a. | Discuss the Pickup Patterns of different Microphones with diagrams. | CO1 | 10 |
| b. | Elaborate on Amplifier and Power amplifier. | CO2 | 10 |
| (OR) | | | | |
| 4. | a. | Illustrate the working of Human Ear. | CO1 | 10 |
| b. | Identify the purpose behind the use of an Equalizer. | CO2 | 10 |
|  |  |  |  |  |
| 5. | a. | Discuss the various types of Audio Consoles. | CO2 | 10 |
| b. | Differentiate Full Range speaker from Crossover. |  | 10 |
| (OR) | | | | |
| 6. | a. | Elaborate the functions of loudspeakers. | CO2 | 10 |
| b. | What do you understand by the term ‘Low Frequency horns’? Why do we use them? | CO2 | 10 |
|  |  |  |  |  |
| 7. |  | Mention the Specification of a Sound System for 100 people with 4 Musicians and 2 Main Singers and 20 People Choir. Demonstrate on the arrangement of equipments. | CO3 | 20 |
| (OR) | | | | |
| 8. |  | Elaborate the audio recording process in detail. | CO3 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Explain the process of how Analog audio could be converted into Digital audio. | CO2 | 20 |