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



**End Semester Examination – Nov/Dec– 2017**

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|  |  |  |  |
| **Code :** | **14MT2031** | **Duration :** | **3hrs** |
| **Sub. Name :** | **ADVANCED AUDIO TECHNOLOGIES** | **Max. marks :** | **100** |

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

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| --- | --- | --- | --- | --- | --- |
| **Q. No.** | | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | |  | Enumerate the latest trends in Input Transducers in Audio technology. | CO1 | 20 |
| (OR) | | | | | |
| 2. | |  | List the types of Cable and transmission standards and Elaborate. | CO1 | 20 |
|  | |  |  |  |  |
| 3. | | a. | Discuss the Problems with Legacy Cables and Standards. | CO1 | 15 |
|  | | b. | List the tips for overcoming the Problems with Legacy Cables and Standards. | CO2 | 5 |
| (OR) | | | | | |
| 4. | a. | | Differentiate Analog and digital mixers. | CO2 | 10 |
|  | b. | | Select a mixer model which you would prefer and write the advantage of using it over other models. | CO2 | 10 |
|  |  | |  |  |  |
| 5. | a. | | Explain the process happening in a Audio interface. | CO2 | 15 |
|  | b. | | Write the difference between Audio interface and sound card. | CO2 | 5 |
| (OR) | | | | | |
| 6. | | a. | Describe output Transducer in Audio technology. | CO2 | 10 |
|  | | b. | Name any one latest trending output Transducer in Audio technology and Elaborate the advantages of it. | CO1 | 10 |
|  | |  |  |  |  |
| 7. | | a. | Discuss in detail about surround sound and its advantage over the old technologies. | CO3 | 10 |
|  | | b. | Discuss on VR Audio Technology. | CO3 | 10 |
| (OR) | | | | | |
| 8. | | a. | Name any five effects processors and elaborate the working with a neat sketch. | CO2 | 15 |
|  | | b. | Name five effects processing hardware manufacturers. | CO3 | 5 |
|  | | |  |  |  |
|  | | | **Compulsory:** |  |  |
| 9. | | a. | Explain the process of sampling sound for creating Virtual Instrument. | CO1 | 15 |
|  | | b. | Name any five Virtual Instruments manufacturer. | CO3 | 5 |

ALL THE BEST