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



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – Nov/Dec – 2016**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Semester :** | **2016-17 ODD** |
| **Code :** | **14VC2050** | **Duration :** | **3hrs** |
| **Sub. Name :** | **LIVE SOUND** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** |  | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | What are consoles ? Name the different types of consoles and elaborate it. | CO2 | 20 |
| (OR) | | | | |
| 2. |  | Draw the conceptual model of a sound system and Explain it. | CO1 | 20 |
| 3. |  | Mention the specifications for a sound system for 1000 people with 4 Musical Instruments , 3 main singers and 50 people choir. | CO2 | 20 |
| (OR) | | | | |
| 4 |  | Design your own stage rack with signal processors and Elaborate each | CO2 | 20 |
| 5. |  | Write short notes on the Line Array speakers and compare it with the column speakers. Specify a model with its design. | CO1 | 20 |
| (OR) | | | | |
| 6. |  | What are the factors that affect when the sound is set in a closed vs. open auditorium. | CO1 | 20 |
| 7. |  | Write in Detail about condenser , Dynamic and ribbon microphones. | CO2 | 20 |
| (OR) | | | | |
| 8. |  | Write the Detail about Balanced and Unbalanced connectors. | CO3 | 20 |
|  | | **Compulsory:** |  |  |
| 9. |  | Write a brief note on Feedback control. | CO3 | 20 |

ALL THE BEST