****

**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

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

Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_ **End Semester Examination – Nov/Dec - 2016**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Semester :** | **2016-17 ODD** |
| **Code :** | **13VC203** | **Duration :** | **3 hrs** |
| **Sub. Name :** | **AUDIOGRAPHY** | **Max. marks :** | **100** |

|  |  |  |
| --- | --- | --- |
| **Q. No.** | **Questions** | **Marks** |
| **PART-A(10X1=10 MARKS)** | | |
| 1. | \_\_\_\_\_\_\_\_\_\_ is the unit of sound. | (1) |
| 2. | Sound travels fastest through \_\_\_\_\_\_\_\_\_ medium. | (1) |
| 3. | Sound cannot travel through \_\_\_\_\_\_\_\_\_\_\_\_. | (1) |
| 4. | Audio is actually \_\_\_\_\_\_\_\_\_\_\_ energy. | (1) |
| 5. | A \_\_\_\_\_\_\_\_\_\_\_\_ is required to transform Sound energy to Audio. | (1) |
| 6. | A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is required to convert Audio to Sound energy. | (1) |
| 7. | A \_\_\_\_\_\_\_\_\_\_\_\_\_ is used to combine multiple audio inputs to creatively manipulate and reproduce as a pleasing sound output. | (1) |
| 8. | MIDI is used mainly for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | (1) |
| 9. | TRS stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_. | (1) |
| 10. | Speed of sound in air is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | (1) |

|  |  |  |
| --- | --- | --- |
| **PART B(5 X 3= 15 MARKS)** | | |
| 11 | Draw the pin configuration of XLR connector. | (3) |
| 12 | What are the considerations one has to account for when choosing microphones? | (3) |
| 13 | What is a filter? What are the different types of filters? | (3) |
| 14 | What is a compressor? | (3) |
| 15 | List out 6 DAWs. | (3) |

|  |  |  |
| --- | --- | --- |
| **PART C(5 X 15= 75 MARKS)** | | |
| 16. | Explain in detail about the human ear with neat diagrams. | (15) |
| (OR) | | |
| 17. | Explain in detail about sound as a form of energy, it's propagation and the factors that affect it. | (15) |
| 18. | Explain in detail about different types of microphones based on ease of use. | (15) |
| (OR) | | |
| 19. | Explain in detail about the different types of microphones based on the technology that is used to build them. | (15) |
| 20. | Explain in detail about the different types of microphones based on their pickup pattern. | (15) |
| (OR) | | |
| 21. | Explain about the different ways of recording stereo sound. | (15) |
| 22. | Identify and explain the editing tools that are shown in the menu below.C:\Users\Jezreel\Desktop\Menu.jpg | (15) |
| (OR) | | |
| 23. | Differentiate between analog and digital mixers. | (15) |
| 24. | Explain the process of adding foley and sound effects in films and important points that one has to consider while working on them. | (15) |
| (OR) | | |
| 25. | Explain the process of ADR in detail with a neat signal flow diagram. | (15) |

ALL THE BEST