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 – April/May– 2017**

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| **Code :** | **14CS2041** | **Duration :** | **3hrs** |
| **Sub. Name :** | **IPTV AND INTERNET VIDEO** | **Max. marks :** | **100** |

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

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Explain the system architecture of Internet Video with suitable diagram. | CO1 | 20 |
| (OR) | | | | |
| 2. | a. | Discuss the characteristics of Internet Video in detail. | CO1 | 10 |
| b. | Explain the different categories of IP networks. | CO1 | 10 |
| 3. | a. | Explain how IP fits between different layers of network protocols with suitable diagram. | CO1 | 10 |
|  | b. | Explain the various MPEG compression Standards. | CO2 | 10 |
| (OR) | | | | |
| 4. |  | Explain in detail about   1. VOD Servers 2. Advertising Servers | CO2 | 10  10 |
| 5. | a. | Explain the various types of Video on demand servers. | CO2 | 10 |
|  | b. | Illustrate the different applications where video server is commonly used. | CO2 | 10 |
| (OR) | | | | |
| 6. |  | Explain the DSL technologies with suitable diagram. | CO2 | 20 |
| 7. |  | Explain the streaming system architecture with suitable diagram. | CO1 | 20 |
| (OR) | | | | |
| 8. | a. | List and explain the advantages and disadvantages of streaming. | CO1 | 10 |
|  | b. | Compare and contrast IPTV and streaming. | CO1 | 10 |
|  | | **Compulsory:** |  |  |
| 9. |  | Explain content creation workflow with suitable diagram. | CO2 | 20 |

ALL THE BEST