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



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

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| **Code :** | **16EC2002** | **Duration :** | **3hrs** |
| **Sub. Name :** | **INTERNET OF THINGS FOR COMMUNICATION ENGINEERING** | **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. | Illustrate with neat sketch about IoT protocols stack and its standards. | CO2 | 15 |
| b. | Enlighten the Remote Sensing Concept of IoT in brief. | CO2 | 5 |
| (OR) | | | | |
| 2. |  | Elucidate Machine to Machine communication with appropriate diagrams. | CO1 | 20 |
| 3. |  | Explicate remote monitoring application of IoT with relevant diagrams and examples. | CO1 | 20 |
| (OR) | | | | |
| 4. |  | Illustrate Home Automation Control System with suitable diagrams. | CO1 | 20 |
| 5. |  | Portray the IoT communication patterns with necessary diagrams. | CO2 | 20 |
| (OR) | | | | |
| 6. |  | Elucidate the performance measurement parameters for an IoT system. | CO3 | 20 |
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| 7. | a. | Reveal the various classes and range of IP address. | CO3 | 10 |
|  | b. | Explicate the IP datagram with a neat sketch. | CO3 | 10 |
| (OR) | | | | |
| 8. |  | Portray the IoT system for home security. | CO3 | 20 |
|  | |  |  |  |
|  | | **Compulsory:** |  |  |
| 9. |  | With a neat sketch of the IoT protocol architecture, enlighten the functions of each protocol. | CO1 | 20 |

ALL THE BEST