

School of Computing Science and Engineering

B.Tech CSE
ETE - Jun 2023

Time : 3 Hours

Marks : 50

Sem II - MAIM9112 - INTERNET OF THINGS

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

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|-----|---|------------|
| 1. | State the need and purpose of Information Model Specification. | K1 CO2 (2) |
| 2. | Identify the sensors needed in smart health care environment. | K4 CO5 (2) |
| 3. | Write about Arduino software program sketches. | K3 CO4 (2) |
| 4. | Distinguish M2M and WSN protocols. | K4 CO3 (2) |
| 5. | State the purpose of Actuators in IoT. | K2 CO1 (2) |
| 6. | Explain the high-level ZigBee architecture with the neat block diagram. | K4 CO3 (5) |
| 7. | Explain the variables, data types used in python programming language with example. | K6 CO4 (6) |
| 8. | Illustrate the IoT Reference model with a neat sketch. | K3 CO2 (5) |
| 9. | Formulate the significant use of Raspberry Pi in smart cities and industrial appliances. | K5 CO4 (8) |
| 10. | Describe about IoT cloud storage models. | K5 CO5 (8) |
| 11. | Discuss in detail the significance of Data Analytics in IoT with necessary illustrations. | K4 CO1 (8) |