

**MASTER OF SCIENCE
(INFORMATION SECURITY)
(MSCIS)**

**Term-End Examination
June, 2025**

MSE-035 : IoT SECURITY

Time : 2 Hours

Maximum Marks : 50

Note : (i) *Question No. 1 is compulsory.*

(ii) *Attempt any **three** questions from the rest.*

1. Explain the following in brief : 4×5=20
 - (a) Different communication models in IoT
 - (b) Most suitable databases for IoT
 - (c) Difference between IoT and M2M
 - (d) Characteristics of IoT
2. What are the usage of sensors ? Explain the characteristics and classification of sensors.

3. What do you mean by MQTT (Message Queue Telemetry Transport) Protocol and how is it different than Internet Protocol ? 10
4. What are the differences between IToT and IoT and what are the different types of IIoT and IoT applications ? Explain through examples. 10
5. What are the different layers of the IoT protocol stack ? Write the classification of IoT protocols. 10

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