

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

Term-End Examination

June, 2026

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.*

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1. Explain the following in brief : 4×5=20
 - (a) Applications of IoT
 - (b) Types of Actuators
 - (c) M2M applications
 - (d) Types of attacks in Botnet
 2. What do you understand by a sensor ?
Briefly explain static and dynamic characteristics of sensor. 10

[2]

3. Describe top 10 emerging technologies of IoT. 10
4. What do you understand by IoT penetration testing ? Also list and explain steps involved in IoT penetration testing. 10
5. Describe IoT application testing strategies. 10

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