

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

Term-End Examination

December, 2024

MSE-035 : IoT SECURITY

Time : 2 Hours

Maximum Marks : 50

Note : *Question No. 1 is compulsory. Attempt any three questions from the rest.*

1. Explain the following in brief : 4×5=20
 - (a) Various platforms for IoT along with real time examples of IoT
 - (b) Overview of IoT components and IoT communication technologies
 - (c) Opportunities and challenges in IoT
 - (d) Fog computing
2. Explain security issues and possible solutions in implementing IoT in 10 emerging domains.

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3. Discuss in detail at least *five* most common protocols in context of IoT. 10
4. What is the difference between grid computing and IoT and what are the different types of IoT applications ? Explain through examples. 10
5. What are the different types of sensors in IoT ? 10

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