

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

Term-End Examination

June, 2025

**MSE-029 : CYBER ATTACK : USE OF
TECHNOLOGY IN CYBER SPACE**

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) XSS attack, how it is different from CSRF attack
 - (b) Operational Security (OPSEC)
 - (c) Types of Cyber crime
 - (d) Structure of IPv6

2. Write the concept of Server Security and the significant roles of Firewall with examples. 10
3. Explain the role of Digital Personal Data Protection Bill in India. Also explain the Penalty-based sections. 10
4. Write the process of penetration testing in detail along with its methods and tools. 10
5. Explain the difference between TCP/IP Model and OSI Reference Model with diagrams. List the compatible protocols for each layer. 10

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