

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

**Term-End Examination
December, 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) Importance of OSINT with examples
 - (b) Role of C.I.A. in cyber security with examples
 - (c) Various types and the behaviour of Malwares
 - (d) Difference between DOS and DDOS attack

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2. Explain Top 10 OWASP vulnerabilities in web security with examples. 10
3. Explain the concept of 5 classes in IPv 4. Also explain all the parameters required while placing an IPv 4 to any network interface. 10
4. Explain the types of routing protocols with examples. 10
5. Describe the ISO series for Information Security. Mention any *five* standards. 10

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