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MSE-036

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

Term-End Examination

December, 2025

**MSE-036 : LATEST TRENDS IN INFORMATION
AND CYBERSECURITY**

Time : 2 Hours

Maximum Marks : 50

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

1. Explain the following with examples :

5×4=20

- (a) Ransomware
- (b) Cyber Swachhta Kendra
- (c) Block Chain
- (d) Steps to secure Mobiles from Malwares

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2. Explain any *five* open source tools used to cyber forensics with usages and examples. 10
3. Write technical and legal perspectives of crypto currency in India. 10
4. Explain the role of encryption in VPN Security. How to mitigate the vulnerabilities and attacks on VPN ? 10
5. What is the process of incident response for any cyber attack in India ? Explain all the due diligence steps and precautions to preserve the evidences. 10

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