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**MSE-036**

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

**Term-End Examination**

**June, 2026**

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

*Time : 2 Hours*

*Maximum Marks : 50*

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

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1. Explain the following with examples : 5 each
  - (a) Face Detection using CCTV
  - (b) Zero-DAY Attack
  - (c) Role Model of CERT-IN in India
  - (d) Blockchain Technology

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2. Explain what is the use of VPN in enterprises. Discuss the importance of VPN protocols in ensuring security. 10
3. Discuss the significance of open-source digital forensics tools in modern cyber investigations. 10
4. Write the significance of Cyber Security using Artificial Intelligence and Latest Security Gadgets. 10
5. What are the types of Botnet Attacks ? How is it different from other Malware ? 10

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