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MSEI-027

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

**P. G. DIPLOMA IN INFORMATION
SECURITY**

(MSCIS/PGDIS)

Term-End Examination

December, 2025

MSEI-027 : DIGITAL FORENSICS

Time : 2 Hours

Maximum Marks : 50

Note : (i) **Section-A** : Answer all the questions.

(ii) **Section-B** : Answer any **two** out of three questions.

(iii) **Section-C** : Answer any **two** out of three long answer type questions.

Section-A

1. Write short notes on any *four* of the following : 5×4=20
- (a) Forensic Auditing
 - (b) Identity Theft
 - (c) Honey Pots and IDS
 - (d) Boot Loaders
 - (e) Botnets and E-mail Spams

Section-B

2. Explain the principles of Computer-based Evidence. 5
3. What are some initial assessment you should make for a computing investigation ? 5
4. What is Moneylaundering ? 5

Section-C

5. Explain the shadow paging recovery technique. 10

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6. Explain MAC Spoofing. Explain the concept of Encryption and Steganography. 10
7. Explain any *three* WLAN security algorithms in detail. 10

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