

No. of Printed Pages : 3

MSEI-025

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

**P. G. DIPLOMA IN INFORMATION
SECURITY (MSCIS/PGDIS)**

Term-End Examination

December, 2025

**MSEI-025 : APPLICATION AND BUSINESS
SECURITY DEVELOPMENTS**

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 notes on any *four* of the following :

4×5=20

- (a) Application security assessment
- (b) Digest access authentication
- (c) LCMQ Entity Authentication Protocol
- (d) Asymmetric Cryptography
- (e) Character encoding

Section—B

Note : Attempt any *two* out of three questions.

- 2. Discuss the different aspects of validating testing. 5
- 3. What do you understand by Authorization and Authentication ? Why is authorization necessary ? 5
- 4. Explain malicious programmes with examples. 5

[3]

Section—C

*Note : Attempt any **two** out of the three long answer type questions.*

5. Explain error handling and logging with examples. 10
6. Explain the concept of building security into software/system development life cycle. 10
7. Explain the types of challenges faced by web application scanners. 10

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