

No. of Printed Pages : 2

MSEI-025

**MASTER OF SCIENCE
(INFORMATION SECURITY)/
P. G. DIPLOMA IN INFORMATION
SECURITY (MSCIS/PGDIS)
Term-End Examination
June, 2024
MSEI-025 : APPLICATION AND BUSINESS
SECURITY DEVELOPMENTS**

Time : 2 Hours

Maximum Marks : 50

***Note : Section–A :** Answer all the objective type questions.*

***Section–B :** Answer all the very short answer type questions.*

***Section–C :** Answer any **two** questions out of three short answer type questions.*

Section—A

***Note :** Attempt all the questions.*

1. Write notes on the following (any **four**) :5×4=20

- (a) SoAP and WSDL
- (b) SQL Injection
- (c) V model of Software testing
- (d) Black Box Testing
- (e) Asymmetric Cryptography

P. T. O.

Section—B

Note : Attempt any two out of the three questions.

2. Describe passive and active attacks with examples. 5
3. Explain Authorization and Authentication. Why are they necessary ? 5
4. Describe the following protocols : 2×2.5=5
 - (a) POP3
 - (b) FTP

Section—C

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

5. What is the difference between a threat, vulnerability and a risk ? Explain the advantages of implementing the policies related to Information Security. 10
6. Describe the concept of building security into Software/System development life cycle. 10
7. Explain Error Handling and Logging with example. 10