

No. of Printed Pages : 3

MSEI-025

**MASTER OF SCIENCE
(INFORMATION SECURITY)/
P. G. DIPLOMA IN INFORMATION
SECURITY (MSCIS / PGDIS)
Term-End Examination
December, 2023**

**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-D : Answer any **two** out of three long answer type questions.

Section—A

Note : Attempt **all** the questions.

1. GUI stands for

1

P. T. O.

2. provides URL filtering. 1
3. ASCII stands for 1
4. URLEncode is used for 1
5. What is cookie manipulation ? 1
6. HTTPS stands for 1
7. What is Decryption ? 1
8. CA stands for 1
9. ECC stands for 1
10. DSA is cryptography algorithm. 1
 - (a) True
 - (b) False

Section—B

Note : Attempt *all* the questions.

11. Write any *four* advantages of coding standard for an organisation. 2
12. What is security ? 2
13. How to prevent SQL injection attacks ? 2
14. Explain the software testing. 2
15. Write about web application scanning. 2

[3]

Section—C

Note : Attempt any two out of three questions.

16. What is the use of defect tracking ? 5
17. How PATH environmental variable can be used to attack ? 5
18. Is it safe to send sensitive information over the Internet ? 5

Section—D

Note : Attempt any two out of three questions.

19. What is whitelisting ? Explain in detail advantages of whitelisting. 10
20. Explain Automated Source Code Analysis with its advantages and disadvantages. 10
21. What type of benefits a business organization can reap by using web application scanning and vulnerability assessment tools ? 10