

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

1 each

Note : Attempt all the questions.

1. CIA stands for
2. provides malware blocking.
3. HTML Encode is used for
4. ASCII stands for
5. HTTP stands for

6. What is URL Manipulation ?
7. What is Encryption ?
8. DSA stands for
9. MAC stands for
10. What is Authentication ?

Section—B

Note : Attempt all the questions.

11. What factors do you consider in selecting a Right System ? 2
12. What are web-based vulnerabilities ? 2
13. Define character encoding. 2
14. Explain the unit testing. 2
15. Write a note on need of algorithms. 2

Section—C

Note : Attempt two out of three questions.

16. What is the aim of buffer overflow attack ? 5
17. Discuss different aspects of validating testing. 5
18. What are the characteristics of a good password ? 5

Section—D

Note : Attempt two out of three questions.

19. What is Blacklisting ? Explain advantages of blacklisting over no input validation. 10
20. Explain manual penetration testing with its advantages and disadvantages. 10
21. What steps are required to be performed while conducting a web application vulnerability assessment ? 10