P. G. DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Examination

June, 2020

MSEI-025 : APPLICATION AND BUSINESS SECURITY DEVELOPMENTS

Time : 2 Hours   *Maximum Marks : 50*

Note : (i) Section A : Answer all the objective type questions.

(ii) Section B : Answer all the very short answer type questions.

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

(iv) Section D : Answer any two questions out of three long answer type questions.

Section—A   1 each

1. AEC is a cryptography algorithm.

   (a) True

   (b) False

2. RAD stands for _____.

3. STA stands for System Testing Architecture.

   (a) True

   (b) False

4. MTA stands for _____.

5. HTML, XML and Flash are the header of C programming language.

   (a) True

   (b) False

6. _____ is the HTTP error code for page not found.

7. _____ is a process of keeping track of user's activity of interaction with a computer system or website.

8. ASCII stands for _____.

9. TLS stands for _____.

10. SSL stands for _____.

Section—B   2 each

11. Difference between authorization and access control.

12. How does web allocation work ?

13. What is the difference between SMTP and POP ?

14. What is XSS ?

15. What is buffer overflow attack ?

Section—C   5 each

16. Explain TLS, SSL, XML and Plaintext.

17. How to securely send e-mails and transfer files ?

18. What are the basic principles of information security ? Also explain other terms in information security.

Section—D   10 each

19. Explain the flow of transaction in SCT with diagram.

20. Define active and passive attacks. Explain the types of active and passive attacks with example.

21. Explain the methods of encrypting data.