| **MSEI-025**

P.G. DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Examination

December, 2021

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** questions out of three long answer type questions.*

SECTION A

*Attempt **all** the questions.*

1. CSS stands for _____ .   *1*

2. TLS stands for _____ .   *1*

3. IPSec is designed to provide security at the _____ layer.   *1*

4. < b > tag makes the enclosed text bold. What is the other tag to make the text bold ?   *1*

    (a)   < cmp >

    (b)   black

    (c)   < dar >

    (d)   < strong >

5. _____ is used to find some insecurity in a cryptographic scheme.   *1*

6. The most common client side web scripting language in use today is _____ .   *1*

7. The first step in Software Development Life Cycle (SDLC) is _____ .   *1*

8. _____ is the cryptographic protocol used to secure HTTP connection.   *1*

9. In Linux/Ubuntu _____ log file records errors generated by an SMTP mail server.   *1*

10. AEC is a cryptography algorithm.   *1*

    (a)   True

    (b)   False

SECTION B

*Attempt **all** the questions.*

11. Explain the impact of fraud on business organizations. *2*

12. Explain the difference between White Hacker, Black Hacker and Grey Hacker. *2*

13. Describe the three ways to authenticate a person. *2*

14. Explain authorization and access control. *2*

15. Explain LCMQ Entity Authentication Protocol. *2*

SECTION C

*Attempt **two** out of three questions.*

16. What is CIA (Confidentiality, Integrity and Availability) ? *5*

17. Explain the importance of time stamp. *5*

18. How can one securely send e-mails and transfer files ? *5*

SECTION D

*Attempt **two** out of three questions.*

19. Explain SQL injection attack. How can one prevent it ?   *10*

20. Explain the various database server configuration categories.   *10*

21. Explain the working of firewall with diagram.   *10*

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