P. G. DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Examination

December, 2020

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.*

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Section—A   1 each

1. MTA stands for Mail Transport Agent.

    (a) True

    (b) False

2. ASCII stands for ......

3. Authentication Attack is a type of Malware Attack.

    (a) True

    (b) False

4. CSS stands for ....

5. ECB, CBC, CFB and OFB are four block cipher functions.

    (a) True

    (b) False

6. TLS stands for ....

7. PKI stands for ....

8. .... is probably the most common web client side scripting language in use today.

9. XML stands for ....

10. AES stands for ....

Section—B

11. Define Ethical Hacking.   2

12. How does time stamping work ?   2

13. What is the impact of fraud on business
    organization ?   2

14. Explain Malicious Programs.   2

15. Define buffer overflow attacks.   2

Section—C

16. Explain Database server.   5

17. What do you understand by authorization and
    authentication ? Why are they necessary ?   5

18. Write pros and cons for both the testing
    techniques.   5

Section—D

19. Explain the characteristics of firewall. How is it
    helpful in providing security in network ?   10

20. Define the following :   2×5=10

    (a) Digest access authentication

    (b) Application security assessment

21. Explain Black box testing and also mention advantages, disadvantages and techniques of Black box testing.   10