No. of Printed Pages : 4   **MSEI-023**

P. G. DIPLOMA IN INFORMATION SECURITY (PGDIS)
Term-End Examination
June, 2019

MSEI-023 : CYBER SECURITY

Time : 2 Hours   *Maximum Marks : 50*

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

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

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

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

Section—A   1×10

(Objective Type Questions)

Note : Answer all objective type questions.

1. The .... consortium is an international community that develops standards to ensure the long term growth of the web.

2. .... is the. act of manipulating a person to accomplish goals that may or may not be in the target's best interest.

3. The .... model shows how the network functions of a computer ought to be organized.

   (a) ISO

   (b) OSI

   (c) ANSI

   (d) CCITT

4. The method of transport of data across the Internet is ....

5. .... is a supplementary protocol that allows non-ASCII data to be sent through e-mail by transforming them to ASCII data.

6. The Internet rovolves around the .... architecture.

7. Applications in the server tier provide the .... logic and the storage.

8. Sniffing is a technique that could be used to capture network user ....

9. The last address of IP address represents ....
    address.

10. Stored procedures typically help prevent
    .... attacks by limiting the types of
    statements that can be passed to their
    parameters.

Section—B   5×2=10

(Very Short Answer Type Questions)

Note : Attempt all the questions.

11. What are Trojan horses ?

12. What is Remote Data Management ?

13. What is Distributed Processing ?

14. Write a note on Hybrid crack.

15. What is the role of scripting language in the
    cyber world ?

Section—C

*Note : Attempt two out three short answer type
    questions.*

16. Discuss the stages involved in the reverse
    engineering process.   5

17. Describe social engineering attack cycle.   5

18. What is meant by real client server ? Explain
    the types of real client server.   5

Section—D

Note : Attempt two out of three long answer type questions.

19. Explain the shodow paging recovery technique.

    10

20. Write a note on internal working of a web server.   10

21. What is Database Concurrency ? What are the methods of database concurrency control ? Also,

    discuss the goals of concurrency control mechanism.   10