P.G. DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Examination

June, 2015

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 the very short answer type questions.*

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

(iv) *Section D - Answer two out of three long questions.*

SECTION - A

(Attempt **all** the questions.)

1. Browsers interact with the server using a set of   **1**
    instructions called _____ .

2. _____ is the language used to develop web   **1**
    pages.

3. _____ is a programming language that runs   **1**
    on a web browser.

4. An IP address can be divided into two parts   **1**
    _____ and a _____ .

5. The database is divided into different logical units 1
of data called as _____ .

6. _____ are used to route internet 1
communications within a local area network.

7. _____ is a protocol used to copy a file from 1
one host to another over a TCP/IP based network.

8. _____ is a property of a product or system, 1
whose interfaces are completely understood, to
work with other products or systems, present or
future, without any restricted access or
implementation.

9. _____ is a language for encoding document 1
content.

10. A _____ attack occurs when an attacker is 1
able to fool a user into establishing a
communication link with a server or service
through a rogue entity.

SECTION - B

(Very short answer type questions. Attempt **all** the
questions.)

11. Write short notes on the following : **5x2=10**

(a) Trojan Horse
(b) Sabotage
(c) Reverse Social Engineering
(d) Entity Relationship Model
(e) Centralized Database

SECTION - C

(Attempt **two** out of **three** short answer type questions.)

12. What are the advantages of database ?   5

13. If a password cannot be recovered instantly you   5
     must use one of the Attack types. Explain the
     different Attack types.

14. Are there no adequate legal measures available   5
     in India to curb identity theft ? Give your
     comments.

SECTION - D

(Attempt **two** out of **three** long questions.)

15. Explain the security issues involved in centralized 10
     database systems.

16. Do you think that companies often under value   10
     the importance of educating personnel about the
     information security issues ? Explain in detail.

17. A company's management has asked you to   10
     develop an effective security policy within the
     organization. Provide the various focus areas
     which you shall take into consideration while
     developing such security policy.

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