P.G. DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Examination

December, 2013

MSEI-023 : CYBER SECURITY

Time : 2 hours   *Maximum Marks : 50*

Note :   *Section A - Answer all the objective type questions.*

Section B - Answer all very short answer type questions.

Section C - Answer 2 out of 3 short answer questions.

Section D - Answer 2 out of 3 long questions.

SECTION - A

(Attempt all objective questions)

1.   _____ is a category of computer crime that employs gaining unauthorised access to a computer system.   1

2.   _____ is a non - key attribute whose value is determined from the primary key of other table.   1

3.   The _____ (no. 1, no. 2) function returns the remainder by dividing no. 1 with no. 2.   1

4.   In the absence of either a _____ element or an HTTP header, the default scripting language is assumed to be Java script in most browsers.   1

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

6.   A _____ is a logically visible subdivision of an IP network.   1

7.   Class _____ address begins with 128 to 191 decimal.   1

8.   The full form of RSS in RSS feed is _____ .   1

9.   In _____ certain tuples/records satisfying one type of condition and can be used to generate a horizontal subset of the relation.   1

10.   The _____ is a webpape developing language that enables programmers to create customized taps.   1

SECTION - B
Five very short answer type questions.
(Attempt all the questions)

11.   What do you mean by reverse engineering ?   2

12.   List some of major e- mail related crimes.   2

13.   What is the use of minus (-) operator in Search engine ?   2

14.   How does RSS work ?   2

15.   What is social networking ?   2

SECTION - C

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

16. Discuss OS password recovery mechanism. 5

17. What is relational algebra ? Discuss two of its operations with the help of a suitable example. 5

18. Explain the Generic architecture of a web browser. 5

SECTION - D

(Attempt **two** out of **three** Long questions)

19. Explain cross site scripting (XSS) and cross site request forgery (XSRF) attacks and steps to thwart/ avoid such attacks. 10

20. Explain client server architecture . Discuss its types. How does web architecture fit into client server architecture ? 10

21. Explain Security isssues associated with social networking sites. Suggest some measures to be taken by browser/ user to secure the online user on these sites. 10

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