MSEI-023

P.G. DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Examination

June, 2017

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 2 out of 3 short answer type questions.*

(iv) *Section D - Answer 2 out of 3 long answer type questions.*

SECTION - A
(Attempt **all** objective questions)

1. _____ come with various sophisticated tools and techniques to invade computer and stealing personal details of users from their E-mail accounts.   1

2. _____ can be embedded directly within HTML documents or supplied in separate files.   1

3. Brute Force with mask attack is useful when you remember a part of _____.   1

4. The basic Goals of Social Engineering are the same as _____ in General.   1

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5. To keep everyone from checking other user's E-mails, MDA is protected by a user name called _____ and by a _____.   **1**

6. _____ hacking involves more than just penetrating and patching.   **1**

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

8. A relational database system needs to maintain data about the relations, such as the schema of the relations. This is called _____.   **1**

9. _____ is the art of manipulating people so they give up confidential information.   **1**

10. Relational schemas and other metadata about relations are stored in a structure called the _____.   **1**

SECTION - B

Five very short answer type questions.
(Attempt **all** the questions)

11. What are ACID properties ?   **2**

12. What is E-mail spoofing ?   **2**

13. Write a note on data fragmentation.   **2**

14. How does RSS work ?   **2**

15. Discuss oracle architecture in brief.   **2**

SECTION - C

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

16. Write a note on advantages of social networking. **5**

17. Describe social engineering attack cycle. **5**

18. Discuss OS password recovery mechanism. **5**

SECTION - D

(Attempt **two** out of **three** long answer type questions)

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

20. What is database concurrency ? What are the methods of database concurrency control ? Also, discuss the goals of concurrency control mechanism. **10**

21. What are the Internet security issues ? **10**

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