

00611

**P.G. DIPLOMA IN INFORMATION SECURITY  
(PGDIS)**

**Term-End Examination**

**June, 2016**

**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 two out of three short answer type questions.*
  - (iv) *Section D - Answer two out of three long answer type questions.*
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**SECTION - A**

**(Attempt all objective type questions)**

1. Client/Server security includes which of the following ? **1**
  - (a) Physical security
  - (b) Change control security
  - (c) Measures taken to secure all systems
  - (d) All of the above
  
2. The last address of IP address represents \_\_\_\_\_ address. **1**

3. Which of the following is the benefit of the three-tier architecture ? 1
- (a) New modules can be built to support specific business needs.
  - (b) Performance improves for compiled SQL statements.
  - (c) Results in a thinner client and database server.
  - (d) All of the above.
4. Programs are automatically loaded and operated as a part of browser \_\_\_\_\_. 1
5. Computers which stores the different web pages are called as \_\_\_\_\_. 1
6. Class \_\_\_\_\_ address begins with 128 to 191 decimal. 1
7. \_\_\_\_\_ allows the database management system to uniquely identify. 1
8. Two important languages in the database system are : (a) \_\_\_\_\_ and (b) \_\_\_\_\_. 1
9. When the DBMS does a commit, the changes made by the transaction are \_\_\_\_\_. 1
10. The \_\_\_\_\_ model shows how the network functions of a computer ought to be organized. 1
- (a) CCITT
  - (b) OSI
  - (c) ISO
  - (d) ANSI

## SECTION - B

(Attempt all the very short answer type questions)

11. What are the different types of servers ? 2
12. What is Remote Data Management ? 2
13. What are the networks and security challenges ? 2
14. What are the various categories of cyber crimes ? 2
15. Difference between Clustering and Mirroring. 2

## SECTION - C

(Attempt two out of three short answer type questions)

16. What are the privacy and security features being provided by web browsers ? 5
17. What is meant by real client server ? Explain the types of real client server. 5
18. What is reverse engineering ? Where can we use it ? 5

## SECTION - D

(Attempt two out of three long answer type questions)

19. What is WEB 3.0 ? What will be the benefits of WEB 3.0 ? 10
20. Explain the shadow paging recovery technique. 10
21. Explain in detail about extended and base services of server programs. 10