

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

Term-End Examination

June, 2020

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 any *two* out of
three short answer type questions.**

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

Section—A**(Objective Type Questions)**

Note : Attempt all questions. 1 each

1. Impersonation can be described as imitating or copying the of other people.
2. The weakest link in the security chain is, the natural willingness to accept someone at his for her word leaves many of us vulnerable to attack.
3. A is a logically visible subdivision of an IP network.
4. Which of the following is the greatest risk when it comes to removable storage ?
 - (a) Accountability of data
 - (b) Confidentiality of data
 - (c) Availability of data
 - (d) Integrity of data
5. is a protocol used to copy a file from one host to another over a TCP/IP based network.

6. Stored procedures typically help prevent attacks by limiting the types of statements that can be passed to their parameters.
7. Which of the following items are not necessary for client/server ?
 - (a) Include the use of a file server
 - (b) Determine network bandwidth capabilities
 - (c) Understand the requirements
 - (d) Assure that tools will connect with middle ware.
8. is defined as databases located at different machines at the same or different locations that looks like one centralized database to the end user.
9. The consortium is an international community that develops standards to ensure the long-term growth of the web.

10. is the service provided by ICANN, used for footprinting.

Section—B

(Very Short Answer Type Questions)

Note : Attempt all questions.

11. Discuss reverse and social engineering. 2
12. Explain oracle architecture in brief. 2
13. Explain the terms white-label social networks. 2
14. Discuss ACID properties. 2
15. What is the use of minus (-) operator in search engine ? 2

Section—C

(Short Answer Type Question)

Note : Attempt any *two* questions.

16. Explain the role of operating system in network security. 5
17. Explain the advantages of database approach. 5
18. Discuss the characteristics of WEB 2.0. 5

Section—D**(Long Answer Type Questions)**

Note : Attempt any *two* questions.

19. What are the different types of web application attacks and preventive measures? 10
20. Explain internal working of a web server. 10
21. What do you mean by Intruder ? Explain the various intrusion techniques in detail. 10