

**P. G. DIPLOMA IN INFORMATION
SECURITY (P. G. D. I. S.)
Term-End Examination
December, 2020
MSEI-023 : CYBER SECURITY**

Time : 2 Hours

Maximum Marks : 50

Note : Section A : *Answer all the Objective type questions.*

Section B : *Answer all the Very short answer type questions.*

Section C : *Answer 2 out of 3 Short answer type questions.*

Section D : *Answer 2 out of 3 Long answer type questions.*

Section—A

Note : *Attempt all objective type questions.*

1. Brute force with mask attack is useful when you remember a part of 1

2. The last address of IP address represents address. 1
3. Two important languages in the database system are : 1
 - (a) and
 - (b)
4. is a protocol used to copy a file from one host to another over a TCP/IP based network. 1
5. Class address begins with 128 to 191 decimal. 1
6. The method of transport of data across the Internet is 1
7. hacking involves more than just penetrating and patching. 1
8. The full form of RSS in RSS feed is 1
9. The model shows how the network functions of a computer ought to be organized. 1
10. Computers which stores the different web pages is called as 1

Section—B

Note : *Attempt all the very short answer type questions.*

11. What is the significance of cluster table ? 2
12. Briefly explain oracle architecture. 2
13. Explain Remote Data Management. 2
14. What do you mean by term white-label social networks ? 2
15. Discuss ACID properties. 2

Section—C

Note : *Attempt 2 out of 3 short answer type questions.*

16. Explain OS password recovery mechanism. 5
17. Explain SQL injection attack with the help of example. 5
18. Write a note on disadvantages of social networking sites. 5

Section—D

Note : Attempt 2 out of 3 long answer type questions.

19. Explain internal working of a web server. 10
20. Explain shadow paging recovery technique. 10
21. What do you mean by database concurrency ?
What are the methods of database concurrency control ? Also, discuss the goals of concurrency control mechanism. 10