

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

Term-End Examination,

December 2019

MSEI-023 : CYBER SECURITY

Time : 2 Hours]

[Maximum Marks : 50

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- 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.*
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Section - A

(Attempt all objective questions)

- 10×1=10
1. The last address of IP address represents _____ address. 1
 2. The full form of RSS in RSS feed is _____. 1
 3. Brute force with mask attack is useful when you remember a part of _____. 1
 4. Sniffing is a technique that could be used to capture network user _____. 1

(2)

5. To keep everyone from checking other user's E-mails, MDA is protected by a user name called _____ and by a _____. 1
6. To combine two or more conditions there is ____ logical operators, where both the conditions are true. 1
7. _____ is a category of computer crime that employs gaining unauthorized access to a computer system. 1
8. Computer runs software called the ____ and it interacts with software known as the ____ located at a remote computer. 1
9. A distributed database has which of the following advantages over a centralized database? 1
- (a) Modular growth
 - (b) Slow response
 - (c) Software cost
 - (d) Software complexity
10. When a system completely secure? 1
- (a) When it is assessed for vulnerabilities
 - (b) When all anomalies have been removed
 - (c) When it is updated
 - (d) Never

(3)

Section - B

(Attempt all the very short answer type questions)

5×2=10

11. What is meant by security attacks? 2
12. What is e-mail bombing? 2
13. Explain data dictionary. 2
14. Explain data fragmentation. 2
15. Explain the significance of cluster table. 2

Section - C

(Attempt 2 out of 3 short answer type questions)

2×5=10

16. Discuss the advantages of social networking sites. 5
17. What is the purpose and uses of Trojan Horse? 5
18. Explain Entity-Relationship (ER) model with example. 5

Section - D

(Attempt any 2 out of 3 long answer type questions)

2×10=20

19. Write a descriptive note on web 2.0 technologies covering RSS and Blogs. 10

(4)

20. Discuss the advantages of three-tier client server architecture over two-tier client server architecture. 10
21. Explain Cross Site Scripting (XSS) and Cross Site Request Forgery (XSRF) attacks and steps to thwart/avoid such attacks. 10

