

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

Term-End Examination

December, 2017

00203

**MSEI-021 : INTRODUCTION TO INFORMATION
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 questions out of three short answer type question.*
 - (iv) *Section D - Answer any two questions out of three long answer type question.*
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SECTION - A

Objective type questions :

(Attempt all the questions)

1. _____ topology provides redundant communication paths between some or all devices. 1
2. _____ is a special software designed to check computer systems and disks for the presence of various computer viruses. 1

3. Wireless communications or WiFi can be encrypted using protocols/standards such as _____ and the older protocols/standards known as _____. 1
4. EISA stands for _____. 1
5. MIME stands for _____. 1
6. _____ refers to sending a large amount of e-mails to the victim's e-mail account or mail servers. 1
7. Write ping of death command. 1
8. What is size of IPv6 ? 1
9. SNMP stands for _____. 1
10. What is the maximum packet size allowed to drop ping request to the target system ? 1

SECTION - B

Very short type questions :
(Attempt all the questions)

11. Explain DMZ with examples. 2
12. Define cache memory. 2
13. What is virtual storage ? 2
14. What is the significance of Privacy in E-commerce ? 2
15. Define cyber squatting. 2

SECTION - C

Short answer type questions :

(Attempt 2 out of 3 short answer type questions)

16. What are the four steps of life cycle of an information security awareness programme ? 5
17. What is Web Tracking and how it is different from Phishing ? 5
18. What are Reconnaissance Attacks ? Explain any four. 5

SECTION - D

Long answer type questions :

(Attempt 2 out of 3 questions)

19. What are the characteristics of Viruses ? How Virus are different from Trojan Horse ? 10
 20. What is the difference between firewall intrusion detection system and intrusion prevention system ? 10
 21. Write short notes on : 2x5=10
 - (a) SSL
 - (b) DHCP
 - (c) DNS
 - (d) Kerberos
 - (e) ADC/SAMBA
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