

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

Term-End Examination

00036

June, 2013

**MSEI-021 : INTRODUCTION TO INFORMATION
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 **any two** questions out of **three** short answer type questions.
Section 'D' - Answer **any two** questions out of **three** long questions.

SECTION - A

(Attempt **all** the questions)

10x1=10

1. NIC Stands for _____. 1
- (a) Network Indian Card
- (b) Network Inferior Card
- (c) Network Interface Card
- (d) None of these

2. Network _____ forward traffic to and from computer on internal Network and filter that traffic to and from computer on an internal network and filter that traffic based in the criteria the administrator has set. 1
3. Panda and Trend Micro both are commonly used as _____. 1
4. Three modes of data transmission are : 1
 - (a) _____
 - (b) Full Duplex Mode
 - (c) Half Duplex Mode
5. Black Hat Hackers are also called as cyber criminals. 1
 - (a) True
 - (b) False
6. Data Encryption and Decryption are done on _____ of OSI model. 1
7. CMIP stands for _____ and IPS stands for _____. 1
8. SAMBA and Panda are two most common viruses which can harm your operating system. 1
 - (a) True
 - (b) False
9. DOS was developed by IBM in 1981 : 1
 - (a) True
 - (b) False
10. .nic domain extensions are used for _____ websites. 1

SECTION - B

(*Very Short* answer type Questions)

Attempt *all* the questions.

5x2=10

11. What is the difference between Grey Hat Hackers and Black Hat Hackers ? 2
12. Write a short note on Cyber Pornography and E - mail Bombing. 2
13. Explain Brute - force computation. 2
14. What do you understand by Port Redirection ? 2
15. Explain the concept of Encryption. 2

SECTION - C

(Attempt *any 2 out of 3* short answer type questions) : 2x5=10

16. Explain Cryptography and Overview of SSL Handshake. 5

17. Explain operating system and what is the use of operating system. 5

18. Write a short note on "Desktop Alone" and "Server - Based Antivirus" in Antivirus Deployment. 5

SECTION - D

(Attempt *any 2 out of 3* long questions) : $2 \times 10 = 20$

19. What is SNMP Management Frame Work ? Also 10
define its Basic components.
20. Explain the Computer Programming languages. 10
Name some examples of Computer Programming
languages. What is the difference between
Interpreter and compilers ?
21. Write *Short note* on the following : $2 \times 5 = 10$
- (a) Hackers
 - (b) Cyber Pornography
 - (c) SMI and MBI
 - (d) Phishing
 - (e) Cyber Crime Investigation
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