

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

Term-End Examination

December, 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.
Section 'D' - Answer **any two** questions out of three.

SECTION - A

Objective type questions. (Attempt all the questions.)

1. FTP stands for _____ . 1
 - (a) File Transforming Protocol
 - (b) File Transformation Protocol
 - (c) File Transport Protocol
 - (d) None of these

2. _____ refers to all programmes that make the computer work. It manages the resources of the computer such as the central processor, communications links and input / output devices. 1

3. _____ is the powerful version of _____ and is completely free of cost, it offers multi tasking, virtual memory management and TCP/IP networking etc. 1

4. In DOS Attack “ DOS “ stands for “ Disk Operating System”. 1
 (a) True (b) False
5. Black Hat Hackers are the Hackers known as “ Cyber Criminals” 1
 (a) True (b) False
6. CMIP stands for _____. 1
 (a) Common Management In Protocol
 (b) Common Management Inter Protocol
 (c) Common Management Internet Protocol
 (d) None of these
7. IDPS and IPS stands for _____ and _____. 1
8. SMB and SAM stands for _____ and _____ 1
9. One of the well known webserver is SAMBA : 1
 (a) True (b) False
10. GUI stands for Graph User Interface 1
 (a) True (b) False

SECTION - B

Very short type questions. (Attempt all the questions)

11. Explain SAMBA. 2
12. Write a short note on “Network Firewall” and “Antivirus Software” 2
13. What is operating system? Explain. 2
14. Write any two precautions for operating system security. 2
15. Explain Phishing Attack. 2

SECTION - C

Short answer type questions. (Attempt 2 out of 3 questions.)

16. Explain the difference between 'LINUX' and "UNIX" operating system. 5
17. Explain Half Duplex and Full Duplex mode of Data Transmission. 5
18. What are the two methods for computing passwords ? 5

SECTION - D

Long answer type questions. (Attempt 2 out of 3 questions)

19. Explain the layers of OSI Model. 10
20. Answer the following (Attempt all the parts).
(a) What is operating system ? 5x2=10
(b) Write a short note on " History of operating system".
(c) What are the types of operating system ?
(d) What are the uses of operating system ?
(e) What is the use of Real Time Operating System ?
21. Explain the given terms : 5x2=10
(a) E-mail
(b) GOPHER
(c) Cyber crime
(d) USNET
(e) Firewall and its security
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