

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

**Term-End Examination**

**June, 2014**

00792

**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. NNTP stands for \_\_\_\_\_ . 1
  - (a) Network News Transforming Protocol
  - (b) Network News Transfer Protocol
  - (c) Network News Transport Protocol
  - (d) None of these
  
2. RBAC stands for \_\_\_\_\_ . 1
  
3. DMZ stands for \_\_\_\_\_ . 1
  
4. In FTP server, "FTP" stands for "File Transport Protocol". 1
  - (a) TRUE
  - (b) FALSE

5. White Hat Hackers are also known as Cyber Security Professionals. 1  
(a) TRUE (b) FALSE
6. The SNMP OID stands for \_\_\_\_\_ which is assigned to an individual object within a management information base. 1  
(a) Object In Decoding  
(b) Object In Decoders  
(c) Object In Defender  
(d) None of these
7. SMB and SAM stands for \_\_\_\_\_. 1
8. IDPS and IPS stands for \_\_\_\_\_. 1
9. One of the well known Operating System is "Microsoft Windows Defender". 1  
(a) TRUE (b) FALSE
10. GUI stands for "Graphical User Interface". 1  
(a) TRUE (b) FALSE

### SECTION - B

Very short answer type questions.  
(Attempt **all** the questions)

11. Explain "Security Model". 2
12. Explain "The Phishing Attack". 2
13. What are FTP servers ? Explain. 2
14. Write a short note on MIB. 2

15. Write a short note on “Network Firewall” and “Antivirus Software”. 2

### SECTION - C

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

16. What is CMIP ? 5
17. What is CSMA - CD ? Explain. 5
18. Write a short note on fiber optics. 5

### SECTION - D

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

19. Explain the following : 2.5x4=10
- (a) DHCP Server
  - (b) NNTP Server
  - (c) DNS Server
  - (d) SMTP Server
20. Answer the following (Attempt both parts). 10
- (a) Write a short note to “Avoid/Handle” Virus and Worms.
  - (b) Short note on Firewall and its Security.
21. Explain the given terms : 2x5=10
- (a) Main frames
  - (b) TCP/IP
  - (c) Cryptography
  - (d) USNET
  - (e) SSL