

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

**Term-End Examination
June, 2012**

00879

**MSEI-025 : APPLICATION AND BUSINESS
SECURITY DEVELOPMENTS**

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 out of three short answer type questions.
Section (D) - Answer any two out of three long answer type questions..*
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SECTION - A

(Attempt all the questions)

1x10=10

1. TLS stands for _____.
 - (a) Transport Layer Superior
 - (b) Transport Layer Security
 - (c) Transport Layer Supervisor
 - (d) Transport Layer Secure

2. _____ is beneficial for securely storing sensitive data, such as hiding system password keys with other files.

3. _____ stands for SSL.
4. PKI stands for _____ it enables user of a basically unsecure public network such as the internet to securely and privately exchange data and money through the use of a public and a private cryptographic key pair that is obtained and shared through a trusted authority.
5. ISPF is a virus :
(a) True (b) False
6. Data Encryption is a process of hiding data.
(a) True (b) False
7. SPF stands for _____ and DAC stands for _____.
8. HTML, XML and Flash are testing configurations.
(a) True (b) False
9. CSS stands for Cascading Style Sheet
(a) True (b) False
10. _____ log file records error generated by an SMTP mail server.

SECTION-B

(5 very short answer type Questions)

(Attempt all the questions)

11. What is the difference between UTF-7 and UTF-8 ? 2
12. What are the rules define for "rule based access control mechanisms" ? 2
13. What is the difference between http and https ? 2
14. Define character encoding. 2
15. What is the difference between authorization and access control ? 2

SECTION-C

(Attempt 2 out of 3 short answer type questions)

16. How to prevent SQL Injection attacks ? 5
17. What do you understand by Authorization and Authentication ? Why Authorization is necessary ? 5
18. Define cryptography with examples and diagrams. 5

SECTION-D

(Attempt 2 out of 3 long questions)

19. What is the difference between network security and cryptography ? How crypton is used with Internet ? 10
20. Explain the working of firewall with diagram. 10
21. Write short notes on the following : 5x2=10
- (a) SQL Injection
 - (b) Cookie Injection
 - (c) Logging
 - (d) Error Suppression
 - (e) Network Security
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