

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

Term-End Examination 01048

June, 2013

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

Time : 2 hours

Maximum Marks : 50

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- 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.*
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SECTION - A

Objective type questions
(Attempt *all* the questions)

1. ACE stands for _____. 1
(a) Access Control Entries
(b) Access Control Enemy
(c) Access Control Entity
(d) None of these
2. _____ is a process of keeping track of user's 1
activity of interaction with a computer system or
website.

3. _____ process is a step-by-step and repetitive procedure where software is simulated according to the requirements. 1
4. In JRD Session, 'JRD' stands for "Joint Requirements Development". 1
(a) True (b) False
5. KDC stands for Key Distribution Center. 1
(a) True (b) False
6. KTC stands for _____. 1
(a) Key Translator Center
(b) Key Transport Center
(c) Key Transistor Center
(d) None of these
7. SMTP is a acronym for _____. 1
8. The purpose of _____ test is to determine the speed, scalability and confidence in performance testing. 1
9. Authentication Attack is one of the web Application Attack. 1
(a) True (b) False
10. XSS stands for _____. 1

SECTION-B

Very short type questions

(Attempt *all* the questions)

11. What is the web based application security assessment process ? 2
12. What are the steps involved in developing on interface design ? 2
13. What do you mean by the application security accessment ? 2
14. Difference between authorization and access control. 2
15. What do you mean by Time Stamp ? 2

SECTION-C

Short answer type questions.

(Attempt 2 out of 3 questions)

16. What are the different types of web attacks ? 5
17. What do you mean by cookies in session management ? 5
18. How to secure communication channel ? 5

SECTION-D

Long answer type questions

(Attempt 2 out of 3 questions)

19. Explain the following terms : 2x5=10
- (a) IP Sec
 - (b) Input Validation
 - (c) Auditing
 - (d) Confidentially
 - (e) Vulnerabilities
20. Explain Securing Application Server and Database Server. 10
21. Write short notes on the following : 5x2=10
- (a) File-level Security
 - (b) Disk Encryption
 - (c) Steganography
 - (d) Ports
 - (e) Buffer Overflow Attack
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