

00981

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

Term-End Examination

December, 2013

**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 questions out of three.

Section (D) - Answer any two questions out of three.

SECTION-A

Objective type questions.

(Attempt all the questions)

1. DES stands for _____ . 1
 - (a) Data Encryption Standard
 - (b) Digital Encoding Standard
 - (c) Decode Encryption Standard
 - (d) None of these

2. _____ is a process of keeping track of user's activity of interaction with a computer system or website. 1

3. _____ process is a step - by - step and repetitive procedure where software is simulated according to the requirements. 1

4. AEC is a Cryptography Algorithm. 1
(a) TRUE (b) FALSE
5. MTA stands for Mail Transport Agent. 1
(a) TRUE (b) FALSE
6. ASCII stands for _____ . 1
7. RAD stands for _____ . 1
8. _____ test are end to end performance test 1
undernormal and anticipated peak production
load.
9. STA stands for System Testing Architecture. 1
(a) TRUE (b) FALSE
10. Authentication Attack is a type of Malware 1
Attack.
(a) TRUE (b) FALSE

SECTION-B

(Attempt all the questions)

11. What are the interface Design elements ? 2
12. What are two forms of error handling ? 2
13. Define Ethical Hacking. 2
14. Difference between authorization and access 2
control.
15. Explain “ Fraud Reduction ” in Impacts of 2
Business Organization.

SECTION-C

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

16. Explain structured coding Techniques with the examples of if else statements. 5
17. What are “ Application Maintenance Activities ” and “ Digest Access Authentication”? 5
18. Explain TLS, SSL, XML and Plaintext. 5

SECTION-D

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

19. Explain Securing Application server and Database Server. 10
 20. Explain Black box testing and also mention advantages, disadvantages and techniques of Black box Testing. 10
 21. Write a short note on the following : 5x2=10
 - (a) File - level Security
 - (b) Web Base Application
 - (c) Steganography
 - (d) AES
 - (e) Buffer Overflow Attack
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