

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

**Term-End Examination
December, 2012**

00192

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

(Attempt all the questions)

1. ABAC stands for _____. 1
(a) Attribute Base Access Control
(b) Attribute Basic Access Control
(c) Attribute Belong Access Control
(d) Attribute Based Access Control
2. _____ is an important part of any real world application. This provides a number of mechanism that can be used to handle error, both during the development process and once your application is in a production environment. 1

3. _____ stands for PKI. 1
4. _____ 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 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. 1
5. Virtualization is a virus. 1
(a) True (b) False
6. Data Encryption is the process of hiding data with in a file. 1
(a) True (b) False
7. CSRF stands for _____ and IETE stands for _____. 1
8. HTML, XML and PHP are the headers of C-programming languages. 1
(a) True (b) False
9. In cryptography, a _____ is a short piece of information used to authenticate a message. A above defined algorithm, sometimes called a keyed hash function. 1
10. _____ log file records for startup message and errors for Cold Fusion MX. 1

SECTION - B

(5 very short answer type questions)

(Attempt all the questions)

11. How to secure communication channel ? 2
12. Define the term Authentication. 2
13. What is the difference between http and https ? 2
14. What is LCMQ Entity Authentication Protocol ? 2
15. What is non repudiation ? 2

SECTION - C

(Attempt 2 out of 3 short answer type questions)

16. What is the difference between threat, vulnerabilities and a risk ? 5
17. How spyware are dangerous threat than viruses ? 5
What make spyware so destructive ? Explain.
18. Define Cryptography with examples and figures. 5

SECTION - D

(Attempt 2 out of 3 long questions)

19. Explain the various database server configuration categories. **10**
20. Define the following : **2x5=10**
- (a) Key Establishment
 - (b) ECC Entity Authentication Protocol
21. Write a short note on the following : **5x2=10**
- (a) Various Security aspects of MAC
 - (b) Debug Error
 - (c) Application Maintenance activities
 - (d) Procedural language
 - (e) Network Security.
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