



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.A. DEGREE EXAMINATION – ENGLISH LITERATURE

THIRD SEMESTER – NOVEMBER 2017

16UEL3GE02 - ENGLISH FOR TECHNICAL WRITING

Date: 02-11-2017
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

SECTION-A

ANSWER ALL THE QUESTIONS:

(10 X 2 = 20)

1. What is brute force attack?
2. What are transposition techniques?
3. Differentiate between block cipher and stream cipher.
4. List any two security services.
5. Define: Authenticator.
6. State the purpose of digital signatures.
7. Mention the three classes of intruders.
8. What is Audit record?
9. What is the difference between law and ethics?
10. Write the role of CISSP.

SECTION-B

ANSWER ALL THE QUESTIONS:

(5 X 8 =40)

11. a) Explain about the security services in OSI Security architecture.
(OR)
b) Explain about Symmetric Cipher Model with a neat diagram.
12. a) Explain in brief, the operations involved in Blowfish.
(OR)
b) What are stream ciphers and explain RC4 in detail with a neat diagram.
13. a) What is Key Management and explain about Diffie Hellmann Key Exchange.
(OR)
b) Explain the steps involved in MD5 Message Digest Algorithm.
14. a) Explain the following: (a) Honey Pots (b) password selection strategies.
(OR)
b) Illustrate the different types of firewalls with neat diagram.
15. a) Write the international issues in computer crime.
(OR)
b) Explain the categories of intellectual property law.

SECTION-C

ANSWER ANY TWO QUESTIONS:

(2 X 20 = 40)

16. (a) Discuss in detail about the encryption and decryption techniques involved in Simplified DES. (10)
(b) Explain in detail about RSA algorithm.
17. (a) Explain the types of authentication functions used to produce authenticator. (10)
(b) Explain the two different approaches of Intrusion Detection Systems. (10)
18. (a) Discuss different types of computer crimes with an example (10)
(b) Elaborate in detail, the different types of viruses. (10)

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