

R16

Code No: 136EU

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year II Semester Examinations, November/December - 2020

CYBER SECURITY

(Common to CE, EEE, ME, ECE, ETM)

Time: 2 hours

Max. Marks: 75

**Answer any five questions
All questions carry equal marks**

- 1.a) What are the main objectives and scope of Indian IT Act 2000? Discuss.
- b) List and classify different cyber crimes. [8+7]
- 2.a) Write a detailed note on cloud computing.
- b) Discuss the importance of social engineering. [8+7]
- 3.a) What is the use of registry settings in mobile devices? Discuss.
- b) Explain about different types of credit card frauds. [7+8]
4. Explain the following in detail:
 - a) Key loggers and Spywares
 - b) SQL Injection and Buffer Overflow. [7+8]
5. What are the web threats for organizations in implementing cyber security? Discuss the security and privacy implications in that aspect. [15]
- 6.a) What is information security? Explain cyber crime in this context.
- b) Explain the Indian perspective on cyber crimes. [8+7]
7. What is cyber offense? How criminals plan them? Discuss. [15]
8. What are the organizational security policies and measures taken for mobile computing? Discuss. [15]

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B. Tech III Year II Semester Examinations, May - 2019

CYBER SECURITY

(Common to CE, EEE, ME, ECE)

Time: 3 hours

Max. Marks: 75

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A**(25 Marks)**

- 1.a) What is computer sabotage? [2]
- b) Write about web jacking. [3]
- c) Write the services in cloud computing. [2]
- d) Explain types of cyber stalkers. [3]
- e) What is vishing? [2]
- f) Write about LDAP security. [3]
- g) What is antikey logger? [2]
- h) What is SQL injection? [3]
- i) What is social computing? [2]
- j) List the security risks in social media. [3]

PART - B**(50 Marks)**

- 2.a) Write about phonographic offences and password sniffing.
 - b) Write Indian laws related to hacking. [5+5]
- OR**
- 3.a) Give a note on Indian perspectives on cyber crimes.
 - b) What is email spoofing? Explain in detail. [5+5]
- 4.a) Explain attack vector in detail.
 - b) Discuss about the classification of social engineering. [5+5]
- OR**
- 5.a) Draw a plan of cyber criminal for attacking and explain briefly.
 - b) Explain how does cyber stalking works in real life? [5+5]
- 6.a) Give a note on trends in mobility.
 - b) Explain the security challenges for mobile devices. [5+5]
- OR**
- 7.a) Explain RAS security for mobile devices.
 - b) Elaborate attacks on mobiles. [5+5]

- 8.a) Explain different types of viruses.
b) Explain methods of phishing in detail. [5+5]

OR

- 9.a) Discuss about classifications of Dos attacks.
b) Describe about steganography. [5+5]

- 10.a) Explain internal costs of organizations associate with cyber security incidents.
b) Write the challenges of organization for social computing. [5+5]

OR

- 11.a) Write the implications of organization for security in cloud computing.
b) Write about web threats for an organization. [5+5]

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