

**R16**

Code No: 136EU

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

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]

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- 8.a) Explain different types of viruses.
- b) Explain methods of phishing in detail.

[5+5]

AG AG AG AG OR AG AG AG A

- 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

AG 11.a) Write the implications of organization for security in cloud computing. AG AG AG A

- b) Write about web threats for an organization.

[5+5]

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