

Code No: 824AR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA IV Semester Examinations, June/July - 2018****CYBER SECURITY****Time: 3hrs****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**5 × 5 Marks = 25**

- 1.a) Give a note on social engineering and cyber stalking. [5]
- b) What are the security challenges posed by mobile devices? [5]
- c) Briefly explain about cybercrime and punishment. [5]
- d) Explain the challenges in computer forensics. [5]
- e) What is the cost of cybercrimes and List the IPR issues? [5]

PART - B**5 × 10 Marks = 50**

2. Explain the concept of Botnets in detail. [10]

OR

- 3.a) Discuss about Cybercrime and Information security.
- b) Explain the global perspective on cybercrimes. [5+5]

- 4.a) List and explain the attacks on Mobile/Cellphones.
- b) What are the security implications for organizations? Discuss [5+5]

OR

- 5.a) Discuss about proliferation of Mobile and Wireless Devices.
- b) Explain the credit card frauds in mobile and wireless computing. [5+5]

- 6.a) List and explain the legal landscape around the world.
- b) Explain the challenges to Indian Law. [5+5]

OR

- 7.a) Explain the Digital signatures and the Indian IT Act.
- b) What are the amendments to the Indian IT Act? Discuss. [5+5]

- 8.a) Give a brief note on Computer Forensics, Cyber Forensics and Network Forensics.
- b) Briefly explain about Forensics analysis of Email. [5+5]

OR

- 9.a) Explain the concept of Chain of Custody.
- b) Give a note on Digital Forensics science and Forensics Auditing. [5+5]

- 10.a) Describe the Security and Privacy Implications.
- b) Discuss about the security risks and perils for organizations. [5+5]

OR

- 11.a) Explain Social Computing and the associated challenges for organizations.
- b) What are the web threats for organizations? Explain. [5+5]