

**R15**

Code No: 724AP

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MBA IV Semester Examinations, December - 2019****CYBER SECURITY****Time: 3hours****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) Define cyber crime. List out few cyber crimes in wireless devices. [5]
- b) Explain the issues related to Buffer overflow. [5]
- c) What is the necessity for computer forensics? [5]
- d) Explain the steps involved in digital evidence collection. [5]
- e) Explain the threats in social media marketing. [5]

**PART - B****5 × 10 Marks = 50**

- 2.a) Give a brief view on credit card faults in mobiles.
  - b) What are the attacks on mobile phones? [5+5]
- OR**
3. What are the security implications which are to be considered by Organizations? [10]
  4. Explain password cracking in detail. [10]
- OR**
5. What is Phishing? Explain about the different types of Phishing attacks. [10]
  6. Explain digital forensic life cycle with a neat diagram. [10]
- OR**
7. Assume that you have been given the job of establishing a Computer Forensic laboratory. List out the different steps involved in establishing a computer forensic laboratory. [10]
  8. Write a short note on various forensic tools. [10]
- OR**
9. What are the legal challenges associated in the collection of evidences of hand held devices? Explain in detail. [10]
  10. a) Explain the role of Chief Information Security Officer (CISO) in an Organization.
  - b) Write about IPR issues. [5+5]
- OR**
11. What are the possible web threats and their consequences in an Organization? [10]

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