



School of Computer Science

10 .PREVIOUS QUESTION PAPERS:

Code No: R164212A

R16

Set No. 1

IV B.Tech II Semester Regular/Supplementary Examinations, July - 2021

CYBER SECURITY
(Information Technology)

Time: 3 hours

Max. Marks: 70

Question paper consists of Part-A and Part-B

Answer ALL sub questions from Part-A

Answer any FOUR questions from Part-B

PART-A (14 Marks)

1. a) Who are Cybercriminals? [2]
- b) Differentiate between passive and active attacks? [2]
- c) What is Vishing? [3]
- d) Differentiate between DoS and DDoS attack [2]
- e) Mention the challenges to Indian Law and Cybercrime? [2]
- f) List the elements addressed in a Forensics Investigation Engagement Contract? [3]

PART-B (4x14 = 56 Marks)

2. a) Classify cybercrimes. Describe various cybercrimes against Society? [7]
- b) Discuss about the cybercrimes like Pornographic Offenses, Hacking, and Usenet Newsgroup as the source? [7]
3. a) Describe the role of cybercafes in cybercrime? [7]
- b) Discuss the tools used for gathering information about the target? [7]
4. a) What are the Organizational security policies and measures in mobile computing Era? [7]
- b) Explain the trends in Mobility? [7]
5. a) What are the types of Buffer Overflow? How to minimize it? [7]
- b) Explain about Worms and Trojan Horses? [7]
6. a) Describe the Indian Information Technology Act 2000? [7]
- b) Discuss how an organization institutionalizes its policies, standards, and practices using education, training, and awareness programs? [7]
7. a) Describe the Cyber forensics and Digital Evidence? [7]
- b) What are the precautions to be taken when collecting electronic evidence? [7]



School of Computer Science

R20

Code No: 874AE

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MCA IV Semester Examinations, September/October - 2022

CYBER LAWS AND PRIVACY

Time: 3 Hours

Max Marks: 75

Answer any five questions
All questions carry equal marks

- 1.a) Explain about the digital signature.
b) What is cyber regulation? [7+8]
- 2.a) What is an IT Act 2000?
b) What are certifying authorities? [7+8]
3. Explain about e-banking transactions. [15]
- 4.a) What are the taxation issues in cyber space?
b) What is indirect tax? [8+7]
- 5.a) What are the types of crimes in the internet against person?
b) What is the role of evidence in digital crime investigation? [7+8]
6. Explain about Cyber arbitration. [15]
- 7.a) What are the copy right issues in the internet?
b) What is DCMA? [7+8]
8. Explain the legal regimes of protecting privacy. [15]

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School of Computer Science

R15

Code No: 824AR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MCA IV Semester Examinations, August - 2017

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) Write a short notes on cyber stalking. [5]
- b) Discuss the trends in Mobility. [5]
- c) Explain about any two punishments in Cyber Law. [5]
- d) Briefly discuss about Network Forensics. [5]
- e) Explain Web threats for Organization. [5]

PART - B

5 × 10 Marks = 50

2. Explain in detail about the concept of Botnets and its role in cyber security. [10]
- OR**
3. Give some examples to show how criminals plan attacks on social websites data? Explain. [10]
4. Explain the credit card frauds in mobile and wireless computing. [10]
- OR**
5. Describe the various attacks on mobile/cellphones. [10]
6. Discuss the role of digital signatures in the Indian IT Act. [10]
- OR**
7. List and explain challenges to Indian Law and Cybercrime Scenario in India. [10]
8. Explain in detail about the concept of Digital evidence in Cyber Forensics. [10]
- OR**
9. Give an example to explain how forensics analysis is done for Emails. [10]
10. Illustrate in detail about Cost of Cybercrimes and IPR issues. [10]
- OR**
11. Discuss in detail about Security Risks and Perils for Organizations. [10]

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