

Code:19CS4602B

III B.Tech - II Semester – Regular Examinations – JUNE 2022**CYBER SECURITY
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

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- Note: 1. This question paper contains two Parts A and B.
2. Part-A contains 5 short answer questions. Each Question carries 2 Marks.
3. Part-B contains 5 essay questions with an internal choice from each unit. Each question carries 12 marks.
4. All parts of Question paper must be answered in one place.
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PART – A

1. a) What is the need of cyber security?
b) List the cases reported in on cyber stalking.
c) Define smishing.
d) Define proxy servers and Anonymizers.
e) List the cost of cybercrime and IPR issues.

PART – B**UNIT – I**

2. a) What is cybercrime? Explain different types of cybercrimes in detail. 6 M
b) Explain in detail about cybercrime in Indian perspective. 6 M

OR

3. Explain Hacking and List out the different types of Hackers with example. 12 M

UNIT – II

4. a) Define cloud computing and explain the types of services provided by it with an example. 8 M
- b) Explain why Botnets are the fuel for cybercrime. 4 M

OR

5. a) Explain Attack Vectors with an example. 6 M
- b) Describe the process of planning Attacks by criminals. 6 M

UNIT-III

6. a) Explain LDAP Security for Hand-Held mobile computing devices. 6 M
- b) Explain Bluetooth hacking in detail. 6 M

OR

7. a) Define vishing and explain its working along with safety measures. 6 M
- b) Explain the various measures for the protection of laptops through physical measures. 6 M

UNIT – IV

8. a) Define SQL injection. Mention the steps for SQL injection attack. 6 M
- b) Write short note on steganography. 6 M

OR

9. a) Explain virus and worms, Trojan horse and backdoors. 6 M
- b) Explain the various methods of phishing. 6 M

UNIT – V

10. a) Define social computing and explain the associated challenges for organizations. 6 M
- b) Write the implications of organization for security in cloud computing. 6 M

OR

11. a) Explain the internal cost of organizations associated with cyber security incidents. 6 M
- b) Write short note on social media marketing. 6 M