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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech IV Year I Semester Supplementary Examinations November-2020

CYBER SECURITY

(Computer Science & Engineering)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

- 1** What is Cloud Computing? Explain Types of cloud and list the advantages of cloud computing. Explain the security challenges in cloud computing. **12 M**

OR

- 2 a** Explain difference between passive and active attacks. **6 M**
b Explain how the criminals plan the attacks? Explain the cybercrime legal perspective. **6 M**

UNIT-II

- 3 a** Explain difference between passive and active attacks. **6 M**
b Explain what the security challenges faced are in mobile computing. **6 M**

OR

- 4** Elaborate organizational measures for handling the mobile devices and the security policy. **12 M**

UNIT-III

- 5** Explain SQL injection how hacker use the SQL injections to hack the information. **12 M**

OR

- 6 a** Explain credit card frauds in mobile & wireless computing. **6 M**
b What is fishing attack? Explain the fishing attacks with an example. **6 M**

UNIT-IV

- 7 a** Explain the konboot password cracking software. **6 M**
b What is DDos Attacks explain briefly. **6 M**

OR

- 8** Explain Global and Indian Perspectives of cybercrimes. **12 M**

UNIT-V

- 9 a** What is forensics? Explain the history and background of Cyber Forensics. **6 M**
b What is digital forensics science? Explain the digital forensics lifecycle. **6 M**

OR

- 10** Explain any 4 special tools for forensic investigation. **12 M**

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