# R18

**Reg. No:**

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**
(AUTONOMOUS)
**B.Tech IV Year I Semester Regular Examinations February-2022**
**CYBER SECURITY**
(Common to CSE & CSIT)

Time: 3 hours                                                                                    Max. Marks: 60

## PART-A
(Answer all the Questions **5 x 2 = 10** Marks)

| | | | | |
|---|---|---|---|---|
| 1 | a | What are Cyber Crimes and How these crimes can be minimized? | L1 | 2M |
| | b | Distinguish the terms "Hackers, Crackers and Phreakers" | L4 | 2M |
| | c | Compare Mobile Computing Vs Wireless Computing. | L5 | 2M |
| | d | How Phishing works come up with an active example. | L1 | 2M |
| | e | What are the types of insiders? | L1 | 2M |

## PART-B
(Answer all Five Units 5 x 10 = 50 Marks)

### UNIT-I

| | | | | |
|---|---|---|---|---|
| 2 | a | List out the sections and rules in IT ACT 2000. | L1 | 5M |
| | b | Analyze about the Global perspective of Cyber Crime. | L1 | 5M |

**OR**

| | | | | |
|---|---|---|---|---|
| 3 | a | Inference Cybercrimes Cases of Various Categories under IPC Section. | L4 | 5M |
| | b | Dissect the Incidence of Cybercrimes in Cities in detail. | L4 | 5M |

### UNIT-II

| | | | | |
|---|---|---|---|---|
| 4 | | Who are Cyber Criminals and explain how they plan the attacks. | L1 | 10M |

**OR**

| | | | | |
|---|---|---|---|---|
| 5 | a | Show how botnet is created and brief its usage with clear description. | L2 | 5M |
| | b | What is Cloud Computing? Classify the types in it and list the advantages. | L2 | 5M |

### UNIT-III

| | | | | |
|---|---|---|---|---|
| 6 | a | Discuss the Security Challenges posed by Mobile Devices. | L6 | 5M |
| | b | Summarize the Proliferation (Growth) of Mobile and Wireless Devices. | L2 | 5M |

**OR**

| | | | | |
|---|---|---|---|---|
| 7 | a | Select the appropriate techniques used in authentication service security. | L3 | 5M |
| | b | List out few Tips to Secure your Cell/Mobile Phone from being Stolen/Lost. | L2 | 5M |

### UNIT-IV

| | | | | |
|---|---|---|---|---|
| 8 | a | What is a key logger? How it creates harmful to the users and list out types in it. | L1 | 5M |
| | b | Elaborate about Spywares in details. | L6 | 5M |

**OR**

| | | | | |
|---|---|---|---|---|
| 9 | | What is Phishing attack? Justify Phishing attacks with an example. | L5 | 10M |

### UNIT-V

| | | | | |
|---|---|---|---|---|
| 10 | | Explain in detail about organizational implications. | L2 | 10M |

**OR**

| | | | | |
|---|---|---|---|---|
| 11 | a | Distinguish proactive and reactive approach to security. | L4 | 5M |
| | b | Discuss the various types of mobile workers or remote workers. | L6 | 5M |

***END***