



R20 Regulation

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

Subject code: 3P7GB

## B.Tech VII Semester Supplementary Examinations, April 2024

### CYBER SECURITY

(CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING))

Maximum Marks: 70

Date: 23.04.2024 Duration: 3 hours

- Note:
1. This question paper contains two parts A and B.
  2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
  3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
  4. Each question carries 10 marks and may have a, b, c, d as sub questions.

#### Part-A

All the following questions carry equal marks

(10X2M=20 Marks)

- 1 List different types of Cybercrimes.
- 2 Define Attack Vector.
- 3 List various Attacks on Mobile/Cell Phones.
- 4 How to create Registry Settings for Mobile Devices.
- 5 Define Password Cracking.
- 6 What is the main cause for Buffer Overflow.
- 7 Discuss the Need of Cyber laws.
- 8 What is Cybercrime.
- 9 Discuss Web Threats for Organizations
- 10 What is the sociological perspective of cyber crime?

#### Part-B

Answer All the following questions

(5X10M=50Marks)

- 11 Demonstrate Cybercrime and the Indian IT A 2000.  
OR  
12 Discuss in detail about Cyber stalking, Cyber Café and Cybercrimes.  
13 List out Credit Card Frauds in Mobile and Wireless Computing Era.  
OR  
14 Explain in detail Authentication Service Security.  
15 Explain in detail the differences between Key loggers and Spywares.  
OR  
16 Demonstrate the three major Security Attacks on Wireless Network.  
17 List out the Challenges to Indian Law and Cybercrime Scenario in India.  
OR  
18 Demonstrate Digital Signatures and the Indian IT Act.  
19 Explain in detail the Security and Privacy Implications from Cloud Computing, Social Media Marketing.  
OR  
20 Discuss Safe Computing Guidelines and Computer Usage Policy.

