**ILO7016 Cyber Security and Laws Question Bank 24-25**

1. **marks questions based on:**
2. Virus, worm, trojan, malware, backdoor- definitions, their differences with examples/scenarios, and how to mitigate the risks
3. Data Breach/Theft- explain and plan to mitigate
4. SQL Injection- explain and plan to mitigate
5. Buffer Over Flow- explain and plan to mitigate
6. Planning attacks by cyber criminals
7. Phishing- explain and plan to mitigate
8. Types of Phishing- explain and plan to mitigate
9. Password cracking methods
10. Social engineering- explanation and how it works, its types

**5 marks questions based on:**

1. IT Act 2000- features, important sections, their explanation, and punishments
2. DOS and DDOS Attacks, how they happen
3. Botnets, their working
4. Buffer Over Flow- explain how it happens and plan to mitigate
5. Classification of Cyber crimes
6. SQL injection attack- explain how it happens and plan to mitigate
7. Different Security risks for an organization
8. Steganography- explanation and how does it work
9. Mobile vulnerabilities- list them and plan to mitigate each one of them