R17

Time: 3hrs   Max.Marks:75

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

5 × 5 Marks = 25

1.a)	Write the basics of cyber security.	[5]
b)	Write a short note on cyber laws.	[5]
c)	Differentiate network security and web security.	[5]
d)	How software security is differ from operating system security?	[5]
e)	What are the recent trends in cyber security?	[5]

PART - B

5 × 10 Marks = 50

2.a) Explain the vulnerability in cyber structure and infrastructure.
  b) Describe cyber threats and weaponry.   [5+5]

OR

3. Explain the following:
    a) Cyber defense
    b) Cyber deterrence   [5+5]

4. Describe the following:
    a) Phishing
    b) Denial of service
    c) Mail bombs.   [10]

OR

5. Write a short note on following:
    a) Trojan
    b) Bug exploits
    c) Botnet.   [10]

6.a) How do you provide security for full virtualization technologies.
  b) Explain the security issues in RFID systems.   [5+5]

OR

7. Explain the following:
    a) Media sanitization
    b) UTM.   [5+5]

8.a) Describe the e-commerce security.
 b) Explain the software tamper resistance. [5+5]

OR

9.a) Explain PGP and SMIME
 b) Describe the concept of OS hardening. [5+5]

10.a) Describe the new ways to monetize the non financial data.
 b) Infer cyber war and cyber peace. If possible relate each other. [5+5]

OR

11. Explain the following
 a) Cloud computing security
 b) Cyber terrorism. [5+5]

---oo0oo---