Roll No. ....   Total Pages : 02

BT-7/M-20   37150
CYBER SECURITY
CSE-417N

Time : Three Hours]   [Maximum Marks : 75

Note : Attempt *Five* questions in all, selecting at least *one* question from each Section.

Section I

1. (a) What are the challenges in cyber crime ? Discuss the different types of cyber crime.

   (b) Explain the terms :
   Cyber extortion and cyber terrorism in detail.

2. (a) What are the information assurance core principles ? Explain various aspects of information assurance.

   (b) Explain security risk analysis in detail.

Section II

3. (a) What is the difference between digital signature, digital certificate and digital signature certificate ?

   (b) What are the different limitations of stenography ?

4. What is stalking and obscenity in internet ? Explain.

Section III

5. (a) Where is the most productive placement of firewall ?

(b) Does VPN offer virus protection ? Explain.

6. (a) How to prevent data and application attacks ?

(b) What are the challenges of intrusion detection ?

Section IV

7. What are the challenges in digital forensics ? Explain digital forensic life-cycle.

8. Why do we need cyber laws ? Explain in detail the cyber laws in India. What are their strength and limitations ?