[6580]-550

B.E. (Computer Engineering) (Insem)
CYBER SECURITY AND DIGITAL FORENSICS
(2019 Pattern) (Semester-VII) (Elective-III) (410244 C)

Time : 1 Hour]   *[Max. Marks : 30*

Instructions to the candidates:

1) *Answer Q.1 or Q2, Q.3 or Q.4.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Assume suitable data, if necessary.*

Q1) a) What are different types of cyber crime. Explain any two in details.**[7]**

    b) Write short note on: **[8]**

        i) Cyber terrorism

        ii) Cyber extortion

OR

Q2) a) Explain different threats to Information System. **[7]**

    b) Explain Information Assurance Model with respect to following points.**[8]**

        i) Information States

        ii) Services for security

        iii) Security counter measures

        iv) Time

Q3) a) Describe in details cyber crime prevention methods. **[7]**

    b) Explain hardware protection mechanism & OS security. **[8]**

OR

Q4) a) Describe in detail Data Security considerations. **[7]**

    b) What is VPN? Describe types of VPN security technology. **[8]**

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