# INFORMATION SECURITY AND IT LAWS

**Time : 2:30 Hours]** [Maximum Marks : 50]

**NOTES :**

    i)    Attempt **all** questions. Attempt any **two** parts of each question.

    ii)    Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.

    iii)    Use of Pager and Mobile Phone by the students is not allowed.

**Q1)** Answer any two of the following. [2×5=10]

    a)    Explain different types of security attacks.

    b)    What are different access control biometrics?

    c)    Describe the network security model.

**Q2)** Answer any two of the following. [2×5=10]

    a)    Differentiate between symmetric and asymmetric key cryptography.

    b)    Explain Diffie – Hellman algorithm.

    c)    Explain Caesar Cipher with example.

**Q3)** Answer any two of the following. [2×5=10]

    a)    Explain the working of SMTP.

    b)    Describe IDS in detail.

    c)    Write the components of a good password.

**Q4)** Answer any two of the following. [2×5=10]

    a)    What are different information security standards?

    b)    Explain SSL in detail.

    c)    Discuss copy right law and patent law.

**Q5)** Write a short note on any two of the following. [2×5=10]

    a)    Digital signature.

    b)    Firewall.

    c)    IP security.

(P.T.O.)