Duration:2 Hours   Max. Marks: 60

Instructions: 1. *All questions are compulsory.*

2. *Figures to right question indicate maximum marks.*

3. *Start each question on a fresh page.*

QI) Define the following terms   (5X2 =10 Marks)

a) Honey Trap
b) Certifying Authority
c) Hacker
d) Social Engineering
e) Privacy

Q2) Write short notes on any FIVE of the following concepts   (5X4 = 20 Marks)

a) Cyber Espionage
b) Smart Card
c) Digital Evidence
d) Online Fraud
e) Digital Signature
f) Operating System

Q3) Answer the following

a) What is a Super Computer?   (2 Marks)
b) Explain any 3 uses of Computer Networks.   (3 Marks)
c) What is the objective of Information Technology (Amendment)
   (ITAA) Act 2008?   (5 Marks)

Q4.A) Answer the following   (2X5 = 10 Marks)

1) Differentiate between LAN, MAN and WAN.
2) Explain any 5 types of Trojans.
                        OR

Q4.X) Answer the following   (2X5 = 10 Marks)

1) Elaborate on any 5 ways to safeguard Online Shopping.
2) What is E-Check? Explain its working.

Q5.A) Answer the following   (2X5 = 10 Marks)

1) Explain the Section 66A: Punishment for sending offensive messages through communication services etc. (under the ITAA 2008)
2) Elaborate on any 5 types of Spoofing.

<div align="center">**OR**</div>

Q5.X) Answer the following   (2X5 = 10 Marks)

1) Discuss ways to protect against Computer Virus.
2) Give detailed explanation on the steps involved in Forensic Investigation.