INFORMATION TECHNOLOGY

Duration: 2 Hours   Total marks: 80

Instructions:

1. Figures to the right indicate maximum marks
2. Start each new question on a fresh page

Q1. Write a short note on(any 4)   (4*4=16 MKS)

 a. DNS and HTTP Protocol
 b. Advantages of Networking
 c. Importance of Social Networking
 d. Network Sniffer
 e. Cyber Squatting
 f. Characteristics of a good Password

Q2. Write a short note on (any 4)   (4*4=16 MKS)

 a. Cyber Crimes and its impacts
 b. DOS attacks and Identity theft
 c. Bailable and Non-bailable offenses with examples
 d. Role and Powers of CERT-IN
 e. Electronic Evidence and its characteristics
 f. Data recovery and the type of data recovered

Q3.Answer the following questions (any two)   (2*6=12 MKS)

 a. Explain features of different Wired Media.
 b. Explain the various Threats associated with BYOD.
 c. Explain 0 Day attack and Insider threat. Mention some famous cases of Insider Threats.

Q4. Answer the following questions (any two)   (2*6=12 MKS)

 a. What details the Privacy Policy provide. What are the issues with the Privacy Policy. Mention Google's Privacy Policy.
 b. Explain Computer based/related crimes and Computer assisted Crimes.
 c. Explain the two techniques used by phishers.

Q5. Answer the following questions (any two)   (2*6=12 MKS)

 a. Explain the Common Social Engineering Attacks.
 b. Explain Cyber offences against Individuals, Organization and Society.
 c. Explain Cyber offences along with its description and punishments.

Q.6. Answer the following questions (any two)   (2*6=12 MKS)

a. Explain Forensic Procedure.
b. Explain the types of data collected in computer Forensic and the Risk involved in Evidence collection.
c. What is Media Sanitization and Explain the Sanitization techniques used.