

B.Sc. (Information Technology) - II (CBCS Pattern) Semester-IV
003 - Paper-III - Computer Forensic Science

P. Pages : 2

Time : Three Hours



GUG/S/25/11971

Max. Marks : 40

-
- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram whenever necessary.
 3. Avoid vague answer and write specific answer related to question only.

Either:

1. a) What is Evidence collection? Explain in detail. 4
- b) Write a detail note on hacking and cracking. 4

OR

- c) Explain the following in detail. 4
 - i) Password cracking.
 - ii) E-mail Tracking
- d) Define Internet crime. Write a detail note on child pornography. 4

Either:

2. a) Explain the concept of Firewall in detail. 4
- b) Write a detail note on. 4
 - i) Biometric
 - ii) Electronic signature.

OR

- c) Explain the security of Hash function in detail. 4
- d) What is Trusted System? Explain in detail. 4

Either:

3. a) Write a detail note on public key and private key. 4
- b) What is Encryption and Decryption? Explain 4

OR

c) Define Steganography. Explain it in detail. 4

d) Explain any one Encryption technique in detail. 4

Either:

4. a) What is Legal Identity? Explain 4

b) Write a detail note on 4

i) Trade mark.

ii) Patent

OR

c) What is IT Act? Give the history of IT Act. 4

d) Define Cyber law. Give its significance also. 4

5. Solve all the questions.

a) Explain Internet fraud in short. 2

b) What is Digital signature? Explain in short. 2

c) What is Cipher Text? Explain 2

d) Write a short note on Copyright. 2
