

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

P. Pages : 2

Time : Three Hours



GUG/S/23/11971

Max. Marks : 40

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

Either:

1. a) What is Internet Crime? Explain Types of Internet Crime. 4
- b) Explain. 4
 - i) Hacking.
 - ii) Cracking.

OR

- c) Explain cyber Theft & Cyber fraud in detail. 4
- d) Explain Evidence collection in detail. 4

Either:

2. a) Explain: 4
 - i) Authentication function.
 - ii) Hash function.
- b) What is virus and virus Related Threat? 4

OR

- c) Explain: 4
 - 1) Biometric.
 - 2) Digital signature.
- d) Explain firewall design principles. 4

Either:

3. a) What is network security? Explain. 4
- b) Explain various Encryption Techniques in detail. 4

OR

- c) Explain types of cryptographic. 4
- d) What is data Encryption standard? Explain. 4

Either:

- | | | | |
|-----------|----|---|----------|
| 4. | a) | Explain History of Information Technology Act 2000 in detail. | 4 |
| | b) | Write short note on: | 4 |
| | | i) Copyright | |
| | | ii) Patent. | |

OR

- | | | | |
|----------|----|---|----------|
| | c) | What is trade marks? Explain in detail. | 4 |
| | d) | What is cyber law? Explain in detail. | 4 |
| 5 | | Solve all the questions. | |
| | a) | What is Internet fraud? | 2 |
| | b) | What is Electronic signature? | 2 |
| | c) | What is Domain name? | 2 |
| | d) | What is legal identity? Explain. | 2 |
