

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

P. Pages : 2

Time : Three Hours



GUG/W/23/11971

Max. Marks : 40

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- 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 child Ponography? Explain in detail. 4
- b) What is Email Tracing? Explain. 4

OR

- c) What is phishing? Explain. 4
- d) Explain password cracking in detail? 4

Either:

2. a) Explain digital signature standard in detail. 4
- b) Explain virus counter measure in detail. 4

OR

- c) Explain Hash function in detail. 4
- d) What are the Authentication Requirements? Explain in detail. 4

Either:

3. a) Explain. 4
 - i) Encryption.
 - ii) Decryption.
- b) Explain cipher principle in detail. 4

OR

- c) Explain. 4
 - i) Public key.
 - ii) Private key.
- d) Explain steganography in detail. 4

Either:

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|-----------|----|------------------------------|----------|
| 4. | a) | Define cyber law in detail. | 4 |
| | b) | What is trade mark? Explain. | 4 |

OR

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|-----------|-----|---|----------|
| | c) | Write short note on. | 4 |
| | i) | Copyright. | |
| | ii) | Patent. | |
| | d) | Explain the history of information technology Act 2000 in detail. | 4 |
| 5. | | Attempt all the questions. | |
| | a) | Explain cyber theft? In detail. | 2 |
| | b) | Write short note on Electronic signature. | 2 |
| | c) | What is Domain name? Explain with example. | 2 |
| | d) | What is E-mail? Explain. | 2 |
