

B.C.A.-III (CBCS Pattern) Semester - VI  
**UBCAT601.2 - Paper-I (Elective-II) : Computer Forensic Science**

P. Pages : 2

Time : Three Hours



**GUG/S/23/13302**

Max. Marks : 40

- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw a neat and labelled diagram wherever necessary.
  3. Avoid vague answers.

**Either:**

1. a) Describe Internet Crime and explain its categories. 4
- b) What do you mean by Email Tracking? Explain in detail. 4

**OR**

- c) Describe Hacking and Cracking in detail. 4
- d) Write a note on: 4
  - i) Phishing
  - ii) Stalking

**Either:**

2. a) What do you mean by Authentication? Explain Authentication requirements. 4
- b) Elaborate the concept of password management. 4

**OR**

- c) What is firewall? What are its different types? 4
- d) Describe Biometric in detail and also explain how Biometric operators. 4

**Either:**

3. a) What is cryptography? Explain its importance in data transmission. 4
- b) What do you mean by Domain names? Explain in detail. 4

**OR**

- c) Write a note on Stagnography. 4
- d) Explain- 4
  - i) Cipher feedback (CFB)
  - ii) Output feedback (OFB)

**Either:**

- |           |    |                                 |          |
|-----------|----|---------------------------------|----------|
| <b>4.</b> | a) | Describe IT Act 2000 in detail. | <b>4</b> |
|           | b) | Write a note on Cyber law.      | <b>4</b> |

**OR**

- |           |    |   |          |
|-----------|----|---|----------|
|           | c) | Define Trademark. Write a procedure for Trademark registration. | <b>4</b> |
|           | d) | Write any four offences and penalties under IT Act 2000.        | <b>4</b> |
| <b>5.</b> |    | Attempt <b>all</b> the questions.                               |          |
|           | a) | Write a note on Cyber Terrorism.                                | <b>2</b> |
|           | b) | Give difference between electronic and Digital signature.       | <b>2</b> |
|           | c) | Explain Network Security.                                       | <b>2</b> |
|           | d) | Discuss about copyright law.                                    | <b>2</b> |

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