

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

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- 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:**

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

**OR**

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

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