

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

P. Pages : 2

Time : Three Hours



GUG/W/23/13302

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw well labelled diagram wherever necessary.
 3. Avoid vague answer and write relevant answer to questions.

Either:

1. a) What is phishing? Write a short note on phishing. 4
- b) Discuss the types of internet crime in detail. 4

OR

- c) Write a note on:- 4
 - i) Email tracking
 - ii) Internet Fraud
- d) Explain Hacking and cracking in brief. 4

Either:

2. a) What is Network Security? How you can maintain network security. 4
- b) Write a note on:-
 - i) Public key
 - ii) Private key

OR

- c) Write a detail note on steganography. 4
- d) Explain Block Cipher design in detail. 4

Either:

3. a) Write a detail note on Firewall design principles. 4
- b) What is Authentication? Explain authentication function in brief. 4

OR

- c) Explain following 4
 - i) Digital signature
 - ii) Biometric
- d) Write a detail note on secure hash function. 4

Either:

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|-----------|----|---|----------|
| 4. | a) | What is Patent? How you can filling patent. | 4 |
| | b) | Explain Cyber Law and give its advantages. | 4 |

OR

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|-----------|----|--|----------|
| | c) | Write a detail note on History of information technology act in brief. | 4 |
| | d) | What is trade mark? Explain in brief. | 4 |
| 5. | | Solve all questions compulsory. | |
| | a) | Write a short on child pornography. | 2 |
| | b) | Explain decryption in short. | 2 |
| | c) | Explain trusted system in brief. | 2 |
| | d) | Write a procedure to secure your Email. | 2 |
