

B.C.C.A. - III (CBCS Pattern) Semester-V
UBCCAT505.3 - Elective-III Paper-V : Computer Forensic Science

P. Pages : 2

Time : Three Hours



GUG/S/25/13045

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 wherever necessary.
 3. Avoid vague answers and write specific answers related to questions.

Either :

1. a) Define Internet crime. Explain types of internet crime in brief. 4
- b) Describe Hacking and cracking in detail. using example. 4

OR

- c) What is cyber terrorism? What are different effects of cyber terrorism on internet. 4
- d) Define following 4
 - a) Cyber theft.
 - b) Cyber fraud

Either :

2. a) Discuss in detail about authentication and also explain authentication requirements. 4
- b) List the types of Biometric and explain any four in detail. 4

OR

- c) What do you mean by password management? Explain in detail. 4
- d) Elaborate the concept of Digital signature. Write its concept. 4

Either :

3. a) Explain public key & private key in detail. 4
- b) Define cryptography. Explain standards for data encryption in detail. 4

OR

- c) Explain cipher principal in detail. 4
- d) Explain the terms. 4
 - i) Domain Name
 - ii) Steganography

Either :

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|-----------|----|--|----------|
| 4. | a) | Explain the need for cyber laws. | 4 |
| | b) | Write short note on IT Act 2000 improvement. | 4 |

OR

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|-----------|----|---|----------|
| | c) | What are the advantages of cyber laws? Explain. | 4 |
| | d) | Write a note on trademark registration procedure. | 4 |
| 5. | | Solve all the questions. | |
| | a) | Write a short note on stalking. | 2 |
| | b) | What do you mean by electronic signature? | 2 |
| | c) | What is Network security? | 2 |
| | d) | What is patent? Explain. | 2 |
