

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/23/13045

Max. Marks : 40

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- Notes :
1. All Questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagrams wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions.

Either:

1. a) Write down the classifications of Cyber Crime. 4
- b) What do you mean by Hacking and Cracking. 4

OR

- c) Write a note on following. 4
 - i) Phishing
 - ii) Password Cracking
- d) What are the different preventive measures of Cyber Theft? Explain in detail. 4

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) Write a note on following. 4
 - i) Electronic Code Book (ECB)
 - ii) Cipher Block Chaining (CBC)
- b) What do you mean by Domain names? Explain in detail. 4

OR

- c) What do you mean by Data Encryption Techniques? List and explain. 4
- d) Explain the following. 4
 - i) Public Key
 - ii) Private Key

Either:

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|-----------|----|--|----------|
| 4. | a) | Discuss about IT Act 2000 in detail. | 4 |
| | b) | Define Trademark. Explain why Trademark is used. | 4 |

OR

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|-----------|----|--|----------|
| | c) | What do you mean by Copyright law? Explain in detail. | 4 |
| | d) | What do you mean by Cyber law? Explain why it is needed. | 4 |
| 5. | | Attempt all the questions. | |
| | a) | Explain Email tracking in brief. | 2 |
| | b) | What do you mean by electronic signature? | 2 |
| | c) | Describe Steganography in short. | 2 |
| | d) | How to obtain a patent? Explain in brief. | 2 |
