

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/24/13045

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 supported data wherever necessary.
 3. A vague answer and write specific answer related to question.

Either:

1. a) Define Internet Crime. Explain types of Internet Crime. 4
- b) Explain Hacking and Cracking in detail. 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) Explain different requirement of Authentication requirements. 4
- b) What is Hash functions? Explain in detail security Hash function. 4

OR

- c) What is Digital Signature? Write down the uses of Digital signature. 4
- d) Explain the following in detail. 4
 - a) Biometric
 - b) Virus counter measures.

Either:

3. a) What is Cryptography? Write the types of Cryptography. 4
- b) Explain different Encryption techniques in detail. 4

OR

- c) Describe in detail Cipher principles. 4
- d) What is public key and private key? Write down different of it. 4

Either:

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|-----------|----|---|----------|
| 4. | a) | Explain the concept of Cyber Law in detail. | 4 |
| | b) | What is ITACT? Write down advantages of IT Act. | 4 |

OR

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|----|---|----------|
| c) | Write down History of Information Technology Act, 2000. | 4 |
| d) | Explain the following term in detail. | 4 |

i) Copyright

ii) Patent

- 5.** Solve all the questions.

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|----|-----------------------------------|----------|
| a) | Write a short note on Stalking. | 2 |
| b) | What is Viruses? | 2 |
| c) | Explain Data Encryption Standard. | 2 |
| d) | Describe E-mail with example. | 2 |
