

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

P. Pages : 1

Time : Three Hours



GUG/W/22/13045

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 only.

Either :

1. a) What do you mean by Email Tracing? Explain in detail. 4
- b) Define Internet crime? Explain the types of Internet crime. 4

OR

- c) What is phishing? Explain with example? 4
- d) Explain the terms 4
 - i) Cyber Terrorism
 - ii) Cyber Theft

Either :

2. a) What is Authentication? Explain Authentication Requirements? 4
- b) Explain the terms 4
 - i) Hash function
 - ii) Intrusion Detection.

OR

- c) What is fire wall? What are its different types? 4
- d) Explain in detail viruses and related threat. 4

Either :

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

OR

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

Either :

4. a) Write a note on IT Act 2000 Improvement. 4
- b) What is copyright? Explain in detail. 4

OR

- c) Explain the terms. 4
 - i) Legal Identity
 - ii) Trademarks.
- d) Explain the need of cyber law in detail. 4

5. Attempt all the questions.
 - a) Differentiate between Hacking and Cracking. 2
 - b) Explain in detail the standard of Digital Signature. 2
 - c) What is Network security? 2
 - d) What is patent? Explain in short. 2
