

B.SC. (INFORMATION TECHNOLOGY) - III FIFTH SEMESTER
5BIT1 - PAPER-I : COMPUTER FORENSIC SCIENCE

P. Pages : 2

Time : Three Hours



GUG/W/18/1443

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw Neat and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answers and write specific points answer related to questions.

Either

1. a) What is internet crime? Explain different types of internet crime. **8**
- b) Write a note on. **8**
- i) Email Tracing.
 - ii) Stalking.

OR

- c) What is hacking and cracking? Explain cyber Terrorism in detail. **8**
- d) Explain with example. **8**
- i) Phishing.
 - ii) Evidence collection.

Either

2. a) What is Biometric? Explain different Biometric used as a security of data. **8**
- b) Explain with example Digital signature and electronic signature. **8**

OR

- c) What is firewall? How it prevent unauthorized user to intrude in computer system. **8**
- d) Describe in detail Authentication function and message Authentication. **8**

Either

3. a) What is steganography? Explain why it is used. **8**
- b) Explain the terms with example. **8**
- i) Public key.
 - ii) Private key.

OR

- c) What is encryption? Explain different Encryption techniques. **8**
 - d) What are principles and modes of operation? **8**
- Either
- 4. a) Define cyber law. Explain History of IT Act 2000. **8**
 - b) Explain the following terms. **8**
 - i) Copyright.
 - ii) Patent.

OR

- c) What is Legal Identify? Explain with example. **8**
 - d) What is E-mail? Explain E-mail with reference to IT Act. 2000. **8**
- 5. Solve all the questions.
 - a) Explain Internet fraud. **4**
 - b) What is Hash function? Explain. **4**
 - c) Explain Network security in Cryptography. **4**
 - d) Write a note on trade Marks. **4**
