

M.Sc. - II (Computer Science) (CBCS Pattern) Semester-IV
PSCST14 - Paper-II : Digital and Cyber Forensics

P. Pages : 2

Time : Three Hours



GUG/S/25/11349

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 answer and write specific answer related to question.

Either:

1. a) What is Phishing? Explain type of phishing. 8
- b) Define computer forensics? Explain the computer forensics tasks. 8

OR

- c) What is networking? Explain different types of Network configuration. 8
- d) Explain the following 8
 - i) Preserve Evidence.
 - ii) Recover Evidence

Either:

2. a) Explain the concept of online stalking and it's impact on victims. 8
- b) Explain the purpose and benefit of using antivirus and firewall software. 8

OR

- c) What is crime? Explain violent crime in detail. 8
- d) Who are 'cyber investigator's and what role do they play in cyber crimes? 8

Either:

3. a) Explain the concept of maintaining the chain of custody for digital evidence. 8
- b) What are the processes involved in collecting digital evidence from computer? 8

OR

- c) Explain how to obey 4th amendment in Federal and state laws. 8
- d) Write a note on: 8
 - i) Computer fraud and Abuse Act (CFAA)
 - ii) Digital millennium copyright Act (DMCA)

Either:

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| 4. | a) | Explain computer Architectures in detail. | 8 |
| | b) | What is system? Explain types of operating system in detail. | 8 |

OR

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|----|-----|--|---|
| | c) | Write a note on: | 8 |
| | i) | Motherboard. | |
| | ii) | Ethernet | |
| | d) | Discuss the concept of modify access create dates in detail. | 8 |
| 5. | | Solve all the questions. | |
| | a) | Explain Internet spawns crime in detail. | 4 |
| | b) | Write a note on child pornography. | 4 |
| | c) | Explain types of Evidence? | 4 |
| | d) | What is Disk imaging? Explain. | 4 |
