

(3Hours)

[Total Marks: 75]

- N. B.: (1)All questions are compulsory.
(2)Make suitable assumptions wherever necessary and state the assumptions made.
(3)Answers to the same question must be written together.
(4)Numbers to the right indicate marks.
(5)Draw neat labelled diagrams wherever necessary.
(6) Use of Non-programmable calculators is allowed.

Q1. Attempt the three of the following.

15 Marks

- What is computer Forensic ? Write down the types of Computer Forensics?
- How to do investigation in cyber forensics? Explain the steps.
- Explain the role of first responder in cyber forensic investigation.
- Explain the term chain of custody in detail.
- Explain the term evidence examination of investigation process.

Q2. Attempt the three of the following.

15 Marks

- What are the Factors to be considered for strategic planning of laboratory for business?
- Explain the Write Blocker tool in detail.
- What is Hard disk? Explain the components of hard disk.
- How to gather volatile evidence?
- Which tools are used to acquire duplicate data? Explain any one of them.

Q3. Attempt the three of the following.

15 Marks

- How to recover deleted files using recuva?
- Explain any two methods of recover deleted partition.
- What is steganography? explain in detail
- What is stegnography .Write down the tools which are used to detect the stegnography.
- Which tools are used for cracking password explain them.

Q4. Attempt the three of the following.

15 Marks

- Explain the layers of OSI model in detail.
- Discuss the advantages and disadvantages of wireless network.
- How to investigate web attacks?
- What is code injection attacks? How to investigate code injection attacks?
- What is cookie poisoning? How to investigate cookie poisoning?

Q5. Attempt the three of the following.

15 Marks

- How to investigate email crime explain in detail 193
- What is Chip-off? Write down advantages and disadvantages of chip-off.
- What are the importance of reports in cyber forensics investigation.
- Define:The layout of the courtroom:
- Explain the ways used to deal with enhance your validity as an observer:.
