

Department of Computer Science and Engineering - SVNIT, Surat
End Semester Examinations, May 2023

B.Tech. IV (Semester - VIII)

Course: Cyber Law and Forensics(CS402)

U19CS012

Date :08/05/2023

Time: 2:00PM – 05:00PM

Marks:50

Instructions:

1. Write your admission number/roll no. and other details clearly on the answer books while write your Admission No on the questions paper, too.

2. Be precise and clear in answering the question.

3. Support your answer with necessary diagrams and examples.

Q1 Answer any five:

[10]

- ✓1 Define digital evidence and give any four sources of digital evidence.
- ✓2 What is steganography?
- ✓3 Explain Prefetch.
- ✓4 Give the differences between surface web, deep web and dark web.
- ✓5 Explain hash value and its forensic importance. Also write the name of any two hash functions.
- 6 What is custom content imaging?

Q2 Answer any four:

[20]

- ✓1 Explain various forensic image file formats. (5)
- ✓2 Explain crime scene management in detail. (5)
- ✓3 Explain windows registry and write down the forensic significance of registry. (5)
- ✓4 Explain following artifacts:
✓a) Timestamp Analysis b) Shellbags c) Volume Shadow Copies (5)
- 5 Explain various RAID levels.

Q3 Answer the following. (20)

- ✓1 Define "data" as per IT Act? Why do we need cyber laws in India? [06]
- ✓2 Write a short note on Non Applicability of IT Act. [03]
- ✓3 Write about Civil Provision under Sec 43 of Indian Information Technology Act. [04]
- ✓4 Explain Sec 67 A of Indian Information Technology Act along with its exception. [05]
- ✓5 State the following sentences whether True or False and Justify your answer. [02]
 - a) The person could be made liable up to imprisonment of 7 years and fine as per Sec 69 B of Information Technology Act. - False 3
 - b) As per Sec 78, any person not below the rank of Police Sub Inspector shall investigate any offense under Information Technology Act. - False
