

TB245207A

92 21.11

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2024
2022 ADMISSIONS REGULAR
B.C.A SEMESTER V - CORE COURSE (COMPUTER APPLICATIONS)
BCA5B19B18 - Computer Forensics and Investigation

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Write any 4 basic questions that have to be asked to the people involved in the crime scene to gather sufficient initial information for documentation.
2. Describe different hacking attacks.
3. Who is black hat hacker?
4. Write down the steps of computer forensics investigation procedure.
5. What is a Magnetic storage media? Give example.
6. List out the causes of data deletion in storage media?
7. List out types of linux file system.
8. What do you mean by steganalysis?
9. What is pen/trap and trace Act?
10. Discuss about Selling Stolen Intellectual Property.
11. Write any 4 preventive measures for cyber crimes
12. Explain section 69 in IT Act 2008.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Explain the need for Computer Forensics.
14. Discuss main causes of data deletion.
15. How to edit windows registry?
16. What is Password cracking? Explain any three tools used for the same purpose.
17. Explain cellular network structure with suitable daigram.
18. List commonly used techniques for maintaining evidence integrity. Explain.
19. Explain the highlights of the IT Act 2008.
20. Explain the stages in digital forensics where cyber laws have impact.
21. Write a note on birth of cyber law and electronic authentication.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Describe different forms of Cyber Crimes with examples.
23. Explain the working of Hard disk drive with suitable figures.
24. Explain mobile forensics in detail with neat diagram.
25. Explain Digital Forensic Process in detail.