

B.C.A DEGREE (C.B.C.S.S) EXAMINATION, OCTOBER 2018**(2016 Admission Regular)****SEMESTER V - CORE COURSE (CLOUD COMPUTING AND INFORMATION SECURITY MANAGEMENT)****CA5B10TB - COMPUTER FORENSICS AND INVESTIGATION****Time : 3 Hours****Maximum Marks : 80****Part A****I. Answer all questions. Each question carries 1 marks****(6x1=6)**

1. What is 'sabotage'?
2. List any 4 Storage devices.
3. What is a Magnetic storage media? Give example
4. Give some examples of tools used for password cracking.
5. What is the name of cyber law in India?
6. Define Computer evidence.

Part B**II. Answer any Seven questions. Each question carries 2 marks****(7x2=14)**

7. What is the purpose of an affidavit?
8. Differentiate between Logical and Sparse Acquisition?
9. What is the purpose of spindle motor present in a hard disk drive?
10. Briefly describe SMTP.
11. Discuss various methods used for Information concealment?
12. What is 'Stored Wire and Electronic Communication Act'? Also mention the exceptions for the same.
13. Explain Phone phreaking.
14. What is RAID Acquisition?
15. What is the use of POP protocol?
16. Discuss how to find hidden files in Linux OS.

Part C**III. Answer any Five questions. Each question carries 6 marks****(5x6=30)**

17. Describe First Responder Procedures.
18. Write a note on Computer Forensics tools and its types with examples.
19. Explain Unix file system and different blocks in it.
20. What do you mean RAID? Explain various types of RAID.
21. Discuss in detail Storage format for Digital evidence.
22. What do you understand By Brute Force attack? Describe different steps involved in it with example.
23. Briefly explain POP3 Protocol and how it differs from IMAP.
24. Explain in detail the procedures involved in obtaining digital evidence and handling exhibits.

Part D**IV. Answer any Two questions. Each question carries 15 marks****(2x15=30)**

25. Discuss in detail Windows Registry.
26. Explain in detail Computer Forensic tools and also explain different categories of it with example.
27. Explain the different building block in Linux file system. Explain EXT3, EXT4 File system with advantages and disadvantages of each.
28. Write note on Password cracking Also explain different techniques for it and tools used for the same purpose.