

Reg. No

Name

B. Sc DEGREE END SEMESTER EXAMINATION - MARCH 2020
SEMESTER 6 : COMPUTER APPLICATION
COURSE : 15U6CRCAP12EL : CYBER SECURITY
(For Regular - 2017 Admission & Supplementary 2016/2015 Admissions)

Time : Three Hours

Max. Marks: 75

Section A**Answer any 10 (1 marks each)**

1. What is e-business?
2. What is meant by EDI?
3. How does a computer virus work?
4. What is tear drop attack?
5. What is value proposition?
6. What is data recovery?
7. Which are the sections deals with general exception in IPC?
8. Write sections and penalties which describe tampering with computer source code?
9. What is trade mark?
10. What is trade secret?

(1 x 10 = 10)

Section B**Answer any 8 (2 marks each)**

11. Describe the five primary revenue models used by e-commerce firms?
12. Give major advantage and disadvantages of e-commerce.
13. Explain how cookies can be manipulated?
14. Briefly explain different types of viruses?
15. Define Non-repudiation
16. What are the objectives of IT act 2000?
17. What type of offences described in Section 66 in IT amendment act 2008?
18. Who has the authority to investigate the offences under the I.T Act 2008?
19. What the the functions of trade mark?
20. Describe different types of patent?

(2 x 8 = 16)

Section C**Answer any 5 (5 marks each)**

21. Describe the various e-payment systems?
22. Explain the eight key components of an effective business model?
23. What is Denial-of-service (DoS) attacks .Explain types DoS attacks?
24. What are the four main principles involved in computer forensic?

25. Violation of privacy referred in which section and what are the penalties?
26. Explain in detail the sections Offences Relating to Religion.
27. IPR leads to market monopoly give a critical evaluation.

(5 x 5 = 25)

Section D

Answer any 2 (12 marks each)

28. What is business model? Explain different types of Business models used in B2B and B2C e-commerce sectors.
29. What are the basics of recovery of digital evidence in cyber forensic?
30. Describe any eight Sections of IT amendment act 2008?
31. What are the types of intellectual property rights?

(12 x 2 = 24)