

B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

February / March 2023 Semester End Main Examinations

Programme: B.E.

Branch: Computer Science and Engineering

Course Code: 22CS7HSCFI

Course: Cyber Law Forensics and IPR

Semester: VII

Duration: 3 hrs.

Max Marks: 100

Date: 20.02.2023

Instructions: 1. Answer any FIVE full questions, choosing one full question from each unit.
2. Missing data, if any, may be suitably assumed.

UNIT - I

- 1
 - a) Identify the various precautionary measures that can be adopted to prevent litigations for a consultancy Firm to host website. **10**
 - b) Defend that section 9 amounts to the very negation of section 6,7 and 8 of the IT Act 2000. **5**
 - c) Define the objective of UNCITRAL Model law and explain Article 5,6,7 and 8 of this Model law. **5**
- OR**
- 2
 - a) List the three Subsections of Section – 12 of IT Act 2000 and Explain in detail. **8**
 - b) Create a scenario that reflects how a cyber theft can be covered under the ambit of existing laws. **6**
 - c) Analyze the six different elements that the Central Government has to take into consideration while specifying Security Procedure **6**

UNIT - II

- 3
 - a) A serial killer was arrested for the kidnap and murder of Prajwal a ten-year-old student at Delhi public school of Bangalore. When digital forensic investigators examined the killer's computer, they recovered a document which he had used in planning his crimes. This was used as evidence that his actions were premeditated and was one of the reasons why he was given the death penalty. List and explain in detail the services that Computer forensic provide which the forensics professionals would have used for successfully solving the case. **6**
 - b) Identify and explain the problems with Computer Forensic Evidence. **6**
 - c) Analyse the different types of Business Computer Forensic Technology and explain in detail. **8**

Important Note: Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.

UNIT - III

- 4 a) Industry experts estimate that over 56% of the data in client/server network is still not backed up on regular basis. Analyze the hurdles that these companies are facing in backing up the applications. **6**
- b) Dr. Murray was the personal physician of pop singer Michael Jackson. Jackson died of an overdose of a general anesthetic called propofol. Dr. Murray was charged with involuntary manslaughter for Jackson's death. His conviction was partially due to the evidence that was found on his computer that showed he had been prescribing more and more of a propofol to Jackson. Analyze the five rules that need to be followed during the course of collecting electronic evidence. **6**
- c) In 2007, Indians were shocked by the discovery of bodies of deceased children and adults in the house of Moninder Singh Pandher in Noida's Nithari village. The Case was reported and Forensic experts started the investigation looking for Evidences. Analyze the general procedure to be followed while collecting and analyzing evidence **8**

UNIT - IV

- 5 a) Define Intellectual Property and the rights constituting property. **6**
- b) Illustrate that the Inventions cannot be Patented as per Section 3 & 4 of Indian Patents Act 1970 **6**
- c) Analyse the principles underlying the patent law in India and explain in detail. **8**

UNIT - V

- 6 a) Outline the statutory definition of Copyright. Analyze the characteristics of copyright as specified in Section 14 of the Copyright act 1957 in detail. **8**
- b) Describe the different categories of claims and explain each of them in detail. **6**
- c) Identify the Various Conditions for Amendment and describe each of them in detail. **6**

OR

- 7 a) Analyse and explain the Acts not constituting infringements-Statutory Exceptions **8**
- b) Distinguish between Contract of Service and Contract for Service **6**
- c) The development of copyright law in India is closely associated with the British Copyright Law and is applied in India with suitable modifications as the Copyright act of 1957, Analyze and explain in detail the features of the Copyright act. **6**
