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End Semester Examination, December 2024
Program-B.Sc (Forensic Science) – Ist Semester
CYBER FORENSIC I (SCFS105)

Time: 2.5 hrs.

Max Marks: **50**

Note: ***All Questions are compulsory. Marks are indicated against each question.***

PART-A

- Q.1 Attempt any 5 questions out of the following, each question carries 2 marks [10 Marks]**
- (a) Define the term 'Memory Hierarchy' in computer systems. [CO-1] [L-2] **2**
 - (b) What is RAM? Mention its types and significance. [CO-1] [L-2] **2**
 - (c) List and describe two types of external storage devices. [CO-2] [L-2] **2**
 - (d) Define phishing and its impact on cybersecurity. [CO-3] [L-2] **2**
 - (e) Briefly explain the term "Darknet and its associated crimes." [CO-3] [L-2] **2**
 - (f) List two key provisions under the IT Act 2000 that deal with cybercrime. [CO-4] [L-2] **2**
 - (g) Describe any one type of Operating System with an example. [CO-1] [L-2] **2**
- 2x5**

PART-B

Each questions carrying 10 marks

- Q.2 Discuss the hierarchy of memory in computers and explain the types of external storage devices. [CO-1] [L-4] 10**
- OR**
- Explain the components of a computer and the function of each component. [CO-1][L-4] 10
- Q.3 Describe various types of cybercrimes, including phishing, vishing, and smishing. How do these impact individuals and organizations? [CO-3] [L-4] 10**
- OR**
- What is cyber forensic? Explain phases of digital forensics. [CO-3] [L-4] 10
- Q.4 Analyze the IT Act 2000 and its importance in addressing cybercrime. Discuss any two penalties associated with it. [CO-4] [L-5] 10**
- OR**
- Describe cybercrime against individuals and organizations with examples. [CO- 4] [L-5] 10
- Q.5 Explain the basic structure of an operating system. Discuss the concept of process management and its significance [CO-5] [L-4] 10**
- OR**
- Discuss Generation of computer.with examples. [CO- 5] [L-4] 10