

School of Computing Science and Engineering

Department of Computing Science and Engineering
Mid Term Examination

Exam Date: 30 Sep 2023

Time : 90 Minutes

Marks : 50

Sem VII - CSCN4701 - Computer Security and Forensics

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) Discuss the potential risks associated with web browsing and web security. K2 (2)
- 2) List standard systems analysis steps to be applied when preparing a for forensic investigation case. K1 (3)
- 3) Explain the purpose of desktop security. K2 (4)
- 4) Distinguish the Hardware Forensic Tools and Software Forensic Tools. K2 (6)
- 5) Identify the difference between Windows and DOS operating systems in terms of forensic investigations. K3 (6)
- 6) Identify the challenges faced by computer forensic investigators when dealing with traditional computer crimes. K3 (9)
- 7) Analyze the concept of incident response methodology in the context of identity theft. K4 (8)
- 8) Classify the techniques by which investigators recover data from damaged or formatted hard drives. K4 (12)

OR

Describe the role of memory forensics in analyzing cyber threats. K4 (12)