

School of Computing Science and Engineering

Department of Computing Science and Engineering
Mid Term Examination

Exam Date: 29 Sep 2023

Time : 90 Minutes

Marks : 50

Sem VII - CSCV4701 - Cloud Management and Tuning

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) What is the significance of hypervisors in Cloud infrastructure? K2 (2)
- 2) Explain the concept of implicit threading. K1 (3)
- 3) Compare and contrast main memory management and virtual memory management. K2 (4)
- 4) Discuss the challenges of threading in multithreaded models. K2 (6)
- 5) Discuss the factors affecting clock frequency in cloud hardware. K3 (6)
- 6) Describe the various multithreading issues in operating systems. K3 (9)
- 7) Compare and contrast different threading models in operating systems. K4 (8)
- 8) Analyze the implications of storage issues on cloud performance. K4 (12)

OR

Evaluate the effectiveness of CPU analysis and tuning in cloud infrastructure. K4 (12)