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School of Computing Science and Engineering**B.TECH CSE Cloud Computing and Virtualization****Semester End Examination - Nov 2023****Duration : 180 Minutes****Max Marks : 100****Sem VII - CSCV4701 - Cloud Management and Tuning**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Describe the components of cloud hardware setup. K1 (2)
- 2) Describe the process of managing memory for a virtual machine. K2 (4)
- 3) Discuss the concept of tuning an RDBMS system. K2 (6)
- 4) How does memory management impact RDBMS system performance? K3 (9)
- 5) Describe the steps involved in creating a virtual machine. K3 (9)
- 6) Compare and contrast loading Windows and Linux in virtual environments. K5 (10)
- 7) Explain the significance of code optimization in application development. K4 (12)
- 8) Evaluate the importance of virtual memory management in cloud infrastructure. K5 (15)
- 9) How do memory management and storage management interact in operating systems? K5 (15)
- 10) Design a comprehensive resource allocation strategy for cloud hardware. K6 (18)