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School of Computing Science and Engineering

Master of Technology in Computer Science and Engineering

Semester End Examination - Nov 2023

Duration : 180 Minutes

Max Marks : 100

Sem III - MCSE9390 - Advanced Databases

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) Summarize the two phases of 2PC protocol. K1 (2)
- 2) Interpret the Temporal Database concepts with suitable diagram K2 (4)
- 3) Illustrate the Distributed system in detail and interpret the implementation issues K2 (6)
- 4) Show how the facts, Rules and Queries are performed in Deductive Database explain with suitable example. K3 (9)
- 5) Demonstrate the concept of Encapsulation of Operations, Methods and Persistence with relevant examples K3 (9)
- 6) Evaluate in detail about spatial database and multimedia query with complex types. K5 (10)
- 7) Differentiate Oracle Database and DB 2. K4 (12)
- 8) Analyze the various approaches to data Mining Problems. K5 (15)
- 9) Summarize the Challenges in Multimedia Database K5 (15)
- 10) With a neat diagram, generalize the types of Parallel Database architecture. K6 (18)