M.Sc. DEGREE EXAMINATION – JUNE, 2018.

First Year

ADVANCED DBMS

Time : 3 hours   Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Differentiate between parallel systems and distributed systems.

2. Explain about concurrency control.

3. Describe about type constructors.

4. Discuss about distributed data storage.

5. Explain about recursive queries in SQL.

6. Describe about transaction commit protocols.

7. Discuss about native XML databases.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain in detail about Inter and Intra operation parallelism.

9. Explain in detail about distributed query processing.

10. Describe in detail about object relational features in SQL and Oracle.

11. Discuss briefly about syntax and semantics of Starburst, Oracle and DB2.

12. Write brief notes on overview of temporal database.

13. Explain in detail about location and handoff management.

14. Describe in detail about text mining in data warehouse.

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