C09–CM–**606C**

3741

BOARD DIPLOMA EXAMINATION, (C–09)
OCT/NOV—2016
DCME—SIXTH SEMESTER EXAMINATION

ADVANCED DATABASE SYSTEMS

Time : 3 hours]   [*Total Marks* : 80

PART—A   3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. What is concurrency control?

2. Define data fragmentation.

3. Define DDBMS.

4. What are the issues to be considered in the design of a distributed database?

5. Define OODBMS.

6. List any three advantages of OODBMS.   1×3=3

7. Define data warehouse.

8. What are the facts and dimensions?

9. What is predictive modeling?

10. What is meant by data mining?

PART—B
10×5=50

Instructions : (1) Answer *any* **five** questions.

                  (2) Each question carries **ten** marks.

                  (3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. Explain transaction transparency.

12. Explain data replication.

13. Explain in detail about late binding and early binding.

14. Explain about inter-object relationships.

15. Explain OLAP architecture.

16. Explain the main components of decision support system.

17. Explain *(a)* directed data mining and *(b)* undirected data mining.   5+5=10

18. Explain data mining algorithms.

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