



C09-CM-606C

3741

**BOARD DIPLOMA EXAMINATION, (C-09)
OCT/NOV—2015
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 lost update problem?
2. What are the advantages of DDBMS?
3. What are the various types of data replication?
4. What is meant by performance transparency?
5. List the features of OODBMS.
6. What is meant by late binding?
7. State the need for data analysis.

- * 8. Compare between data warehouse and operational data.
9. What is undirected data mining?
10. What is the use of 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. Write the differences between distributed database and distributed processing.
12. Describe the three types of data fragmentation strategies. 3+3+4
13. Explain inter-object relationships.
14. Define object and classify objects according to the characteristics of its attributes.
15. Explain ROLAP.
16. Explain performance improving techniques of database.
- * 17. Explain predictive modeling and data based segmentation. 5+5
18. List and explain various data mining algorithms. 2+8
