



C09-CM-606C

3741

BOARD DIPLOMA EXAMINATION, (C-09)
OCT/NOV—2013
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 *four* simple sentences.

1. What is a transaction?
2. Define distributed database.
3. List the functions of the DDBMS.
4. What is data replication?
5. Write briefly about the concept of inheritance.
6. List the characteristics of object schemas.
7. Explain the features of data warehouse.

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8. What is the need for DSS?
9. What is the necessity of data mining?
10. What is data transformation?

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 the following terms :
 - (a) Distribution transparency
 - (b) Transaction transparency
12. Explain the twelve commandments of DDBMS.
13. List and explain different characteristics of OO data model.
14. Explain interobject relationship with examples.
15. Explain different DSS architectural styles.
16. Explain OLAP architecture.
17. Explain different types of Data Mining Algorithms.
18. Explain predictive modeling.
