



C09-CM-606 C

3741

BOARD DIPLOMA EXAMINATION, (C-09)
OCT/NOV—2014
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 scheduler?
2. Write about data replication.
3. What is data fragmentation?
4. Write any three features of distributed database management system.
5. Write the features of OODBMS.
6. Write a short note on early binding.
7. What are the decision support systems?

- * 8. Define data warehouse.
- 9. Define data mining.
- 10. Write about predictive modelling.

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 OLAP in detail.

12. (a) Explain data mining methodology. 6

(b) Explain database segmentation. 4

13. (a) Explain physical data mining structure.

(b) Explain directed data mining.

14. Explain ROLAP and MOLAP.

15. Explain inter-object relationship.

16. What is an object-oriented database management system?
Write the characteristics of an object-oriented data model.

* 17. What are the 12 commandments of DDBMS?

18. What are the advantages and disadvantages of DDBMS?
