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BOARD DIPLOMA EXAMINATION, (C–09)
APRIL/MAY—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 scheduler?

2. List any three advantages of data fragmentation.

3. What is performance transparency?

4. Compare between centralized database and distributed database.

5. List any three differences between OO data model and ER data model.

6. List the characteristics of an object-oriented data model.

7. What is star schema?

8. List any three OLAP functions.

9. List any two differences between data mining and OLAP.

10. List the steps of data mining.

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PART—B
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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. What are the advantages and disadvantages of DDBMS?

12. Explain data replication.

13. What are the advantages and disadvantages of OODBMS?

14. Explain various types of objects.

15. Explain about Decision Support System (DSS).

16. Explain any ten rules that define data warehouse.

17. Explain *(a)* undirected data mining and *(b)* directed data mining.

18. Explain data mining algorithms.

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