C09–CM–**606C**

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BOARD DIPLOMA EXAMINATION, (C–09)
OCT/NOV—2017
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. What are various types of data replication?

3. What is meant by performance transparency?

4. What are the advantages of DDBMS?

5. Define superclass and subclass.

6. What is an object schema?

7. What is a star schema?

8. List the characteristics of MOLAP.

9. What is predictive modeling?

10. What is physical data mining?

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 data fragmentation.

12. Explain the components of distributed database management system.

13. Explain *(a)* late binding and *(b)* early binding. 5+5

14. Explain the features of OODBMS.

15. Explain the twelve rules that define data ware house.

16. Explain the main components of decision support system.

17. Explain data mining algorithms.

18. Explain data mining methodology.

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