4626

BOARD DIPLOMA EXAMINATION, (C-14)

JUNE-2019

DCME- FIFTH SEMESTER EXAMINATION

ADVANCED DATABASE SYSTEMS

Time: 3Hrs   Total Marks: 80M

PART - A   **10x3=30M**

Instructions: 1) Answer **all** questions Each question carries **Three** marks

2) Answer should be brief and straight to the point and shall not exceed five simple sentences.

1) Define a transaction.

2) Write about the scheduler.

3) Define distributed database management system (DDBMS).

4) Write any three differences between distributed processing and distributed database.

5) What is data replication?

6) Define object oriented database management system (OODBMS).

7) List any three applications of OODBMS.

8) Define decision support system(DSS).

9) Define Online Analytical Processing (OLAP).

10) What is data mining?

Instructions: 1) Answer any five questions Each question carriesTen marks

2) Answer should comprehensive and the criterion for valuation is the content but not length of the Answers.

11) a) Explain transaction management with SQL.   5M
     b) Explain transaction log.   5M

12) Explain twelve commandment of C J Date for DDBMS.

13) a) Explain distributed transparency.   5M
     b) Explain data allocation in DDBMS.   5M

14) Explain classification of object.

15) Explain early binding and late binding.

16) Explain the twelve rules that define a data warehouse.

17) Explain star schema representation with an example.

18) Explain outlier analysis and evolution analysis in data mining.

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