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SUBJECT CODE NO:- E-8160
FACULTY OF ENGINEERING AND TECHNOLOGY
M.E. (Comp.Sci. & Engg.) Examination Nov/Dec 2017
Advanced Database Mgt. System
(Revised)

[Time: Three Hours]

[Max.Marks:80]

Please check whether you have got the right question paper.

- N.B
- i. Solve any two questions from each section
 - ii. Assume suitable data, if necessary

Section A

- Q.1 a) What do you mean by Transaction processing monitors? Explain architecture of TP in detail. 10
- b) Explain Transaction management in multi databases. 10
- Q.2 a) Explain in detail about parallel database architecture with neat diagram. 10
- b) Explain interquery and intraquery parallelism in parallel database. 10
- Q.3 a) Explain Three-tier client server architecture in detail. 10
- b) What is data fragmentation in distributed database? Explain the types of data fragmentation in detail. 10

Section B

- Q.4 a) Discuss the various types of constructors. How they are used to create complex object structures. 10
- b) Explain ODMG model and ODL. 10
- Q.5 a) Explain XML schema and XML DTD with example. 10
- b) Explain web database in detail 10
- Q.6 a) Explain Transaction commit protocols in detail. 10
- b) Explain MMDBMS architecture in detail. 10