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Question Paper Code : 45302

5 Year M.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2014.

Elective

Software Engineering

ESE 512 — CLIENT SERVER COMPUTING

(Regulation 2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is Upsizing and Right sizing?
2. List the basic services of client/server model.
3. What are triggers? Mention its usage.
4. Differentiate chained and nested transactions.
5. What is the need for Database connectivity?
6. What are ODBC components?
7. What is user defined DLLs?
8. Write down the use of Splitter Window.
9. What do you mean by Document view architecture?
10. List any two dynamic transfer functions.

PART B — (5 × 16 = 80 marks)

11. (a) Explain the characteristics of different types of servers. (16)

Or

- (b) (i) Discuss in detail the building blocks of Client/Server model. (8)
- (ii) Write short notes on RPC. (8)

12. (a) Explain in detail multithread and hybrid architecture. (16)

Or

(b) (i) Discuss the various client/Server transaction models. (8)

(ii) Write short notes on transaction processing monitors. (8)

13. (a) Explain the architecture of ODBC.

Or

(b) Write a payroll application with database connectivity using ODBC.

14. (a) (i) Explain the use of GDI. (8)

(ii) Explain about DLLs. (8)

Or

(b) (i) Explain about Appwizard and Classwizard. (8)

(ii) Explain about model and modeless dialogues. (8)

15. (a) Explain Multiple Documents Interface (MDI) with suitable example. (16)

Or

(b) Explain OLE with an example. (16)