

S.No. 404

BATCH: 2007 - 2015

Reg. No

END OF SEMESTER EXAMINATIONS, APRIL / MAY 2017

CLIENT/SERVER COMPUTING

SUBJECT CODE: 08UAIT13

MAJOR : B.Sc IT

TIME : 3 HOURS

SEMESTER : IV

MAX.MARKS: 75

SECTION – A (5 X 2 = 10)

Answer ALL Questions:

1. What are Fat Servers or Fat Clients?
2. Define – OLTP.
3. What are ACID properties?
4. Define the terms – SMTP and POP3 in Internet mail protocols.
5. What are CORBA Enterprise Beans?

SECTION – B (5 X 4 = 20)

Answer All Questions:

6. a) Explain any four characteristics of Client/Server systems.
(OR)
b) Describe the functioning of Groupware Servers and Web Application Servers.
7. a) What does a Database Server do? Discuss on SQL Database Server Architectures.
(OR)
b) Explain the elements of Data Warehousing.
8. a) Write a short notes on TP Monitors.
(OR)
b) Discuss briefly on TP-Lite and TP-Heavy.
9. a) How is Groupware different from SQL Databases and TP Monitors? Discuss.
(OR)
b) Why is Groupware important? Explain.
10. a) Describe the benefits and importance of Distributed Objects.
(OR)
b) Explain the Anatomy of a CORBA Business object.

SECTION – C (3 X 15 = 45)

Answer Any Three Questions:

11. Discuss on 2-Tier Versus 3-Tier architecture in Client/Server computing.
12. Explain the functioning of Stored Procedures, Triggers and Rules in SQL.
13. Describe the concept of Transaction Models in Transaction Processing.
14. What is Workflow? Where does it come from? Explain.
15. Write a detailed note on – Distributed objects to Components.
