Total Duration : 3 Hrs		**Total Marks : 75**	
MCQ	: 30 Mins	MCQ	: 15
Descriptive	: 2 Hrs.30 Mins	Descriptive	: 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. Explain Parallel Database Architecture.

2. What are all the Abstract Data Types and explain in detail?

3. What are all the Types of OLAP Servers in detail?

4. Describe about Data Mining Process.

5. Difference between data warehouse and decision support system.

6. Explain about Search Engine Processing.

7. What is the procedure to store the data in an ORDBMS?

8. Explain Spatial Database Management Systems.

Section C

Part A

Answer any **TWO** questions $(2 \times 10 = 20$ Marks$)$

9. Draw the distributed database management system architecture in detail.

10. Explain Architecture of Data Mining.

11. What are the new challenges in implementing the ORDBMS?

12. Explain about Multidimensional Aggregation Queries in details.

Part B

Compulsory question $(1 \times 10 = 10$ Marks$)$

13. Explain about various DDL and DML commands in DBMS.