



UNIT IV

S.No	Questions	BT	CO	PO	
Part – A (Short Answer Questions)					
1	Define reliability in DDBMS.	L1	CO4	PO1	
2	What is fault tolerance?	L1	CO4	PO1	
3	List different types of failures in distributed systems.	L1	CO4	PO1	
4	What are site failures?	L1	CO4	PO1	
5	Define network partitioning.	L1	CO4	PO1	
6	What is a parallel database system?	L1	CO4	PO1	
7	List types of parallel architectures.	L1	CO4	PO1	
8	Define load balancing.	L1	CO4	PO1	
9	What is parallel query processing?	L1	CO4	PO1	
10	Explain database clusters.	L1	CO4	PO1	
Part – B (Long Answer Questions)					
11	a)	Explain the concept of reliability and fault tolerance in DDBMS.	L2	CO4	PO1, PO2
	b)	Discuss local and distributed reliability protocols.	L3	CO4	PO1, PO2
12	a)	Describe the types of failures in distributed DBMS	L2	CO4	PO1, PO2
	b)	Explain site failure and network partitioning with examples.	L3	CO4	PO1, PO2
13	a)	Explain parallel DBMS architectures.	L2	CO4	PO1, PO2
	b)	Describe load balancing techniques used in parallel systems.	L3	CO4	PO1, PO2
14	a)	How is parallel query processing achieved?	L2	CO4	PO1, PO2
	b)	Discuss the role of parallel data placement.	L2	CO4	PO1, PO2
15	a)	What are database clusters?	L2	CO4	PO1, PO2
	b)	Explain how load balancing works in database clusters.	L2	CO4	PO2