UNIT–V

S. No		Questions	BT	CO	PO
Part –A(Short Answer Questions)					
1		Discuss about data on External storage?	L3	CO5	PO1
2		Explain Clustered Indexes?	L2	CO5	PO2
3		Discuss the Primary and Secondary indexes?	L3	CO5	PO2
4		Define Tree Indexing?	L1	CO5	PO1
5		Explain Hash based Indexing?	L2	CO5	PO1
6		Discuss the intuition for Tree Indexes?	L2	CO5	PO2
7		Define Indexed Sequential Access Method?	L1	CO5	PO5
8		Discuss the Cost model of Heap files?	L3	CO5	PO6
9		Explain about B+ tree index file?	L2	CO5	PO2
10		Explain about static hashing?	L2	CO5	PO2
Part– B(Long Answer Questions)					
11	a)	Describe the Insertion, Deletion and Search Operations in B+ Trees?	L3	CO5	PO1
	b)	By considering an example, show how to reduce access time with primary index.	L5	CO5	PO1
12	a)	Explain Deletion and Insertion operations in ISAM with example and write the Pros and Cons of ISAM (Indexed Sequential Access Method)?	L2	CO5	PO2
	b)	Compare heap file organization with hash file organization?	L3	CO5	PO1
13	a)	Is disk cylinder a logical concept? Justify your answer?	L4	CO5	PO1
	b)	State and explain various file organization methods? Give Suitable example to each of them?	L3	CO5	PO2
14	a)	Give a brief note on Indexed Sequential Access Methods?	L3	CO5	PO5
	b)	Demonstrate bulk loading of B+ tree of order 3 with the following data (key*), 56*, 32*, 18*, 72*, 45*, 16*, 98*, 83*, 81*, 27*, 39*, 51*, 66*, 44*, 33*, 22*.	L4	CO5	PO1
15	a)	Is B+ Tree a multi-level indexing? How does it differ from B-Tree?	L3	CO5	PO1
	b)	What is mean by extendable hashing? Explain briefly with example.	L2	CO5	PO1

***Blooms Taxonomy Level (BT)** (L1–Remembering; L2–Understanding; L3–Applying; L4–Analyzing; L5–Evaluating; L6–Creating **Course Outcomes (CO),Program Outcomes(PO))**