Con. 6757 - 13.

				(3 Hours)	[Total Marks : 100	
N.	B. :(1) Qı	uestion No. 1 is	compulsory.		
	(2) So	lve any four from	m Question Nos. 2 to 7.		
	(3) Fi	gures to the rigl	ht indicate full marks.		
,	(4) As	ssume any suitabl	le data wherever required.		
1.	(a)	Consid E P	er the following imp (eno, ename, roj (pno, pname, ay (title, salary) assignment (eno, Give 2 example) Give the derive	, title) budget, Loc) pno, responsibility, duration) les of horizontal and vertical f ed horizontal fragmentation or	ragmentation each.	10
	(b)	Explair	the resultant fr heuristic approa	ragments. ach of query processing with r	elevant examples.	10
2.	(a) (b)	-		External Sorting algorithm in dign phase of database life cycl		12 8
3.	(a)	suitable	e examples.	nheritance and table inheritance		10
	(b)	Explair	ı left, right, outer	r, inner, equi join, pattern matc	thing with example.	10
4.	(a) (b)		n mapping of Ger	tectures for parallel databases. neralization, Specialization, Un		10 10
5.	(a)	DOC<br ELEI<br ELEI<br ELEI</td <td>-</td> <td>ne, subpartinfo*)> ofo (part, quantity)> CDATA)></td> <td></td> <td></td>	-	ne, subpartinfo*)> ofo (part, quantity)> CDATA)>		
] > (i) (ii)) Show how to 1	example of data corresponding map this DTD to a relational so		5 5
	(b)	Discuss	part names are s deadlock handli	e unique. ing techniques in distributed d	atabase.	10

[TURN OVER

Con	6757-	TI	_11	261) 1	12
v.on.	U / 3 / -	- /•		201		

6.	(a) E	10	
	(b) C	Compare RDBMS, OODBMS and ORDBMS.	10
7.	Write a	20	
	(a)) Nested Relations.	
	(b)) XQuery	,
	(c)) EXIST and NOT EXIST.	
	(d)) Client - Server architecture.	
	(e)) Bloom Join Techniques.	