No. of Printed Pages : 2				CS-06	
r~			BCA (Pre-revised)		
04117		Term-End Examination			
4			December, 2013		
_	S-06	: DA	TABASE MANAGEMENT SYSTEM	M	
Time	: 3 h	ours	Maximum Marks	Maximum Marks : 75	
Note			n no. 1 is compulsory and carries 30 m any three from the rest.	arks.	
1.	(a)	(DM)	Ine Data Manipulation Language IL). List the various types of DML mands used in DBMS. Explain any four L commands, their usage and example statement.	10	
	(b)	com (i) (ii) (iii)	11 / 6	10	

What are the main features of client/server

model? Explain the stages involved in the

10

constraints.

(c)

2. (a) With the help of an example relation and 8 the dependency diagram, explain the concept of functional dependency. Write the significance of the evaluation of (b) 7 DBMS. List the technical and administrative issues respectively, required to be taken care by the evaluation team. 3. Mention the features w.r.t the speed usage, (a) 7 storage and access efficiency for the following file organisation: (i) Sequential Indexed sequential (ii) (iii) Direct (b) Explain the concept of Enhanced Entity -8 Relationship diagram (EER). Describe the aggregation and specialization, with the help of a suitable example for each and how they are represented in EER. Explain the following Relational Algebraic 4. (a) 9 operations: (i) Projection Selection (ii) Carterian Product Also give an example for each. (b) Explain all the rules to qualify a database 6 product as Relational DBMS. 5. Write short notes on: 5x3=15(a) Dynamic Data Exchange Object Oriented DBMS (b) Hierarchical database model (c)