



SCHOOL OF COMPUTER SCIENCE AND ENGINEERING FALL SEMESTER 2018-19

CAT – I EXAMINATIONS
CSE 2004 – Database Management Systems

ourse Name: B.Tech	Slot: D1 Max. Marks: 50 Answer ALL Questions $(5 * 10 = 50)$	
X. List out any five disa	advantages of a file based system.	(5)
What is the difference one is harder to achie	e between logical data independence and physical data independence? Why?	ndence? Which (5)
at the database level Every production. Every productions code should	the firm, how can you limit the entry of such ambiguous data el? Illustrate with Constraints for the following statements ct should have a name. ct should have a Product code that is distinct and the length of be equal to six digits. ntity should be zero or greater than zero and less than 200.	(1)
b. List out the important Explain briefly.	nt role plays in representing information about the real world	in a database? (5)
What are the response	sibilities of a DBA? If we assume that the DBA is never intereduces the DBA still need to understand query optimization? Wh	sted in running by? (5)
Model an ER diagram	n for the scenario given below	(5)
atudant chould have a m		ans are allowed
Can foreign keys be id. After enforcing fore the child relation wh iv. Can foreign keys ha Can there exist more	ent Keys Not Found Error occur during the enforcement of	ete the record in arent relation?
foreign keys and how wi	ill you fix it with a suitable example.	(5)

