

ICS334 Quiz #4

Time: 15 Minutes

ID : _____

Name: _____

Use the following poorly designed table to answer the following questions.
May be you need to add more rows to explain some of the questions.

EMP_DEPT

SSN	Ename	Salary	Dno	Dname	DmgrSsn
111	AAA	1000	1	Accounting	111
222	BBB	1100	2	Research	222
333	CCC	1200	1	Accounting	111
444	DDD	1300	2	Research	222
555	EEE	1100	1	Accounting	111
666	FFF	1200	2	Research	222
777	GGG	1300	3	Inventory	333

1. Storage wastage
2. Insert anomalies
3. Delete anomalies
4. Modification anomalies
5. Show a way of how to solve all the above problems