

TAKORADI TECHNICAL UNIVERSITY

DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY

COURSE: DATABASE MANAGEMENT SYSTEMS AND CONCEPTS II

COURSE CODE: ICT 212 – 2HRS

ANSWER ALL QUESTIONS

1. a). What are the Common Oracle DBA Tasks? (5marks)
b). List out the Tools for Administering Oracle Database? (5marks)
2. a). What is normalization? What are the different forms of normalization? 5marks
b). Differentiate between a database and Instance and explain relation between them? 5marks
3. a). What is the difference between SGA and PGA. (3marks)
b). What is Database Writer (DBWR) and when does DBWR write to the data file? (5marks)
c). What are the components of SGA? (2marks)
4. a). Which file is accessed first when Oracle database is started and What is the difference between SPFILE and PFILE? (7marks)
b). List out some major environment variable used in installation? (3marks)
5. Assume you work in Ghana Guinness Brewery company as senior DBA and on your absence your back up DBA has corrupted all the control files while working with the ALTER DATABASE BACKUP CONTROLFILE command. What do you do? (10marks)