DAM401: ORACLE DATABASE   **Credit:** 2 units
TIME ALLOWED: 2 Hours
INSTRUCTION: Answer Question 1 and any other FOUR (3) Questions

1a) Discuss the various components of SQL known to you *(9 marks)*
1b) Outline the characteristics of ORDBMS known to you *(4 ½ marks)*
1c) Explain any 5 responsibilities of Oracle Database Administrators *(10 marks)*
1d) List any 3 types of PL/SQL objects you know *(1 ½ marks)*

2a) Summarize the common files used by the SQL*Loader (*10 marks*)
2b) What do you understand by data pump? Advance reasons for data pump *(5 marks)*

3a) Explain the basic constraints supported by Oracle 10g *(8 marks)*
3b) Define DDL. Give 6 examples of DDL Commands *(4 marks)*
3c) Mention the 3 Oracle data dictionary views (*3 marks*)

4a) Write short notes on the following: i. DBA_ views ii. SQL iii. Table space *(6 marks)*
4b) Complete the following table

File Type	Purpose	Naming convention
Controlfiles		
Redo log		
Datafiles		

(6 marks) ½ mark each entry.

4c) Outline the basic characteristics of Oracle Universal Installer known to you *(3 marks)*

5a) Explain the following SQL commands
  i.   DELETE from emp_1 WHERE last_name ='King'   *(2 marks)*
  ii.   SELECT * from employees WHERE dept_id=02   *(2 marks)*
  iii.   UPDATE emp SET sal=sal*2 WHERE empno=1234   *(2 marks)*
  iv.   ALTER TABLE emp ADD COLUMN dob (DATE)   *(2 marks)*
5b) Differentiate between data concurrency and data consistency *(3 marks)*