SP-9411 Seat No._____

P.G.D.C.A. (Sem. II) Examination
April / May – 2006
RDBMS Using Oracle

Time : **3** Hours] [Total Marks : **100**

1 Answer the following questions : (any **four**) **20**

(a) Explain database writer (DBWn).

(b) Discuss Checkpoint.

(c) Write note on Data Dictionary Cache.

(d) List various table spaces. Explain any two.

(e) Explain Redo Log Buffer.

(f) describe Oracle Instance.

2 Answer the following questions : (any **four**) **20**

(a) Write difference between DBMS *v/s* RDBMS

(b) List out different data types in Oracle. Explain any two of them in detail.

(c) Explain pattern matching with an example.

(d) Discuss logical operators in Oracle with an example.

(e) List out DML command in Oracle. Explain any two of them with an example.

(f) Write note on joins with an example.

3 Answer the following questions : (any **four**) **20**

(a) Discuss view in Oracle.

(b) What is save point in Oracle? Explain in detail.

(c) Discuss PL/SQL block with an example.

(d) Distinguish % TYPE and %ROWTYPE.

(e) What is nested table in Oracle? Explain with an example.

(f) Write note on trigger.

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4   Answer the following questions : (any **two**)   20

   (i)   Explain the following functions (any **five**)

      (a)   NVL ( )   (b)   INSTR ( )

      (c)   SUBSTR ( )   (d)   TO_DATE ( )

      (e)   NEXT_DAY ( )   (f)   GREATEST ( )

   (ii) Explain exception handling in detail.

   (iii) Distinguish the following :

      (a)   Nested table *v/s* VARRAY

      (b)   Function *v/s* Procedure

   (iv) Write a note on cursor.

5   Attempt the following :   20
   Consider the following Tables :

Employee	*Dept*
Empno	Deptno
Ename	DeptName
City	
Salary	
Deptno.	

   Write queries for the following :

   (a)   Display total salary Departmentwise with department name.

   (b)   List the name of employee who belongs to the same department and same city.

   (c)   Display total salary whose department is SALES.

   (d)   Consider the above tables – write a PL/SQL block that reads a department name and increment in salary for all the employee of that department. The increment in salary is to be applied only if the total salary of that department after increment does not exceed Rs. 75,000.

   (e)   Consider the above tables – write a procedure which read department number and calculate total salary that department.

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