

Total No. of Questions : 5]

SEAT No. :

**PD2906**

[Total No. of Pages : 2

**[6433]-2004**

**First Year M.B.A. (IT)**

**ORA 554 MJ - GC - 12 (204) : ORACLE**

**(2024 Credit Pattern) (Semester - II)**

**Time : 2½ Hours]**

**[Max. Marks : 50**

**Instructions to the candidates:**

- 1) All questions are compulsory.
- 2) Each question has 10 marks.
- 3) Figures to the right indicate full marks.

**Q1) Solve (any 2)**

**[10]**

- a) Explain different data function available in oracle.
- b) What is meant by constraints? Explain types of constraints available in Oracle.
- c) Explain conversion functions in oracle.

**Q2) Consider the following table to solve any five of the following SQL Queries.**

**[2×5=10]**

Customer (C-Id, Cname, City)

Item (Item-Id, Item-Name, Price, Brand)

Order (O\_Id, O\_data, quantity, C\_id, Item\_id)

- a) Create the above tables with suitable constraints.
- b) Display all customers who live in 'Mumbai'.
- c) Add new column pin code in customer table.
- d) Display the customers who have ordered more than 10 items in single order.
- e) Delete the record of Orders dated 15<sup>th</sup> June 2017.
- f) Display the costly item of each brand.
- g) Display the name of the customers who have ordered all the items.

**P.T.O.**

**Q3) Solve (any 1 ).** **[10]**

- a) Create a function that calculates the factorial of a number and handles cases where the input is less than zero (raising a user defined exception)
- b) Explain composite data type with example.

**Q4) Solve (any 1)** **[10]**

- a) Create a procedure that retrieves the name of customer by Id from customer table and handles the No\_Data\_Found exception.
- b) Write a trigger on the item table, when attempting to insert a row on weekends (Saturday & Sunday the trigger should raise an error and prevent the insertion displaying a Message. "No record can be inserted on weekends.

**Q5) Short note (any 2).** **[10]**

- a) Oracle Architecture
- b) Enterprise Manager
- c) Database alert logs

