**HDIS (23.3)-ADBMS (Colombo)**

**End module Group Assessment (Total:50 Marks)**

**Group size: 4-5 members (Maximum)**

**Date: 7th June 2024 at 8.30 am Time: 15 minutes given for each group**

Write the index numbers and names on the first slide.

**Question**

Each group can select any real-world business organization and create an Oracle database having at least two related tables. Implement the following queries using **Oracle PL/SQL**.

1. Create tables with primary key and foreign key constraints having auto-increment sequences for one of the tables.
2. Insert a set of matching records for the above tables.
3. Write any three select queries using where, group by, having, and order by.
4. Write a single-row and multiple-row subquery using the above tables.
5. Create a PL/SQL block that contains a Cursor. It must have a LOOP and a suitable cursor attribute. (Hint: Refer to the note)
6. Create a view using one of the tables created.
7. Write a PL/ SQL block to retrieve a record for specific input.
8. Write a PL/ SQL block to update a record for specific input.
9. Write a PL/ SQL block to delete a record for specific input.
10. Modify the above query to display the number of rows deleted.

**Deliverables**

* Briefly describe the organization and business your group selected for this task.
* Demonstrate the Oracle queries mentioned above.
* Every member must participate in the demonstration.
* Marks will be deducted for plagiarism.

*\*\*\*\*End of the Assessment\*\*\*\**