



**DG-1734**  
**M. Sc. (I. T. & I.C.T.) (Programme) (Sem. V)**  
**Examination**  
**March / April – 2016**  
**RDBMS-II**

Time : 3 Hours]

[Total Marks : 70

**Instruction :**

<p>नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य कपनी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. SC. I. T. (SEM. V)</p> <p>Name of the Subject : RDBMS-II</p> <p>Subject Code No. : 1 7 3 4 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : □ □ □ □ □ □</p> <p style="text-align: center; border: 1px solid black; border-radius: 15px; padding: 10px;">Student's Signature</p>
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- 1 Answer The following questions: 14**
  - 1 Explain Oracle's database locking mechanism. 2
  - 2 What is data dictionary? 2
  - 3 What is the use of cache parameter in sequence? 2
  - 4 Explain need of SAVEPOINT with proper example. 2
  - 5 Explain Index in brief. 2
  - 6 Explain %TYPE and %ROWTYPE with suitable example. 2
  - 7 Explain ROLLBACK and COMMIT in brief. 2
  
- 2 Write a short note on the following : (Any Two) 14**
  - 1 Cursor 7
  - 2 Triggers 7
  - 3 Procedure and Functions 7
  
- 3 Answer the following Questions in Detail. 14**
  - 1 Explain Oracles' Physical and Logical Architecture in detail. 7
  - 2 Explain Oracle Instance Architecture in detail. 7
  
- 4 Answer the following Questions in Detail.(Any Two) 14**
  - 1 Explain Package with suitable example. 7
  - 2 Explain Exception Handling Concepts in detail. 7
  - 3 Explain Oracle profile in detail. 7

**5 Answer the following Questions. 14**

Consider following table for a Nationalized Bank.

**Bank\_Branch\_Master** (BranchId, BranchName, BranchOpeningDate, Address, City, State, Status)

Note: Status can be Operational OR Non Operational

Create stored procedures to implement following functionalities:

- 1 Add New Branch 3
- 2 Delete All Branches with Status values = Non Operational 5
- 3 Return total no branches for particular city. For example, total 6  
branches in the city of Surat.

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