



A-1734
B.Sc. (I.T.) (Sem. V) Examination
March / April – 2015
RDBMS - II

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

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| <p>नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. 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>Student's Signature</p> |
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(2) Draw the Figure and give example whenever necessary.

1 Answer the following questions: 14

- (1) Discuss exception handling concept. Describe types of exception.
- (2) Explain Oracle sequence with proper examples. Also discuss importance of Cache parameter associated with Oracle Sequence.

2 Write short note on the following: 14

- | | |
|---------------------|----------------------|
| (1) Database buffer | (2) Redo log buffer, |
| (3) Shared Pool | (4) Tablespace |
| (5) Segment | (6) Extent |
| (7) Data blocks | |

3 Consider the following table and answer the following questions: (Any Two). 14

Emp (Eno, JoiningDate, BirthDate, FName, Salary)

- (1) Write a procedure to display top 5 employees who are getting highest salary.
- (2) Write a procedure to display employee information for specific salary range. For example, getEmpDetails(1000, 5000) will display all employees who are getting salary between 1000 to 5000.

- (3) Write a procedure to display information of all employee who has joined in a specific year. For example, getEmpDetailsBYear(2014) will display all employees who joined in the year 2014.

4 Write short note on the following (Any Two) **14**

- (1) Abstract data type, Varray and Nested table
- (2) Oracle Profile
- (3) System Privilege, Object Privilege and Role

5 Answer the following questions(Any Two) **14**

- (1) Explain database trigger with suitable example
 - (2) Explain Cursor with suitable example.
 - (3) Oracle Package
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