



DMM-3331
Second Year B. Sc. (Computer Science)
(Sem. IV) Examination
March / April - 2016
Paper - 5 : RDBMS - II
(Old Course)

Time : 2 Hours]

[Total Marks : 50

Instruction :

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| <p>नीचे दृशावेव निशानीवाणी विगतो उत्तरवडी पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : Second Year B. Sc. (Computer Science) (Sem. IV)</p> <p>Name of the Subject : Paper - 5 : RDBMS - II (Old Course)</p> <p>Subject Code No. : <input type="text" value="3"/> <input type="text" value="3"/> <input type="text" value="3"/> <input type="text" value="1"/> Section No. (1, 2,.....) : <input type="text" value="NIL"/></p> | <p>Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; width: 100%;">Student's Signature</div> |
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- 1 Answer the following questions in short : 10
- (1) Define RDBMS.
 - (2) State difference between %type and %rowtype.
 - (3) What is transaction ?
 - (4) Explain savepoint with example.
 - (5) List advantages of function.

- 2 Write answers for the followings : 12
- (1) Write note on lock based protocol in concurrency control. 6

OR

- (1) Explain how time stamp based protocol used in concurrency control. 6
- (2) Give syntax and example for creating stored function. 4
- (3) List predetermined internal pl/sql exception. 2

- 3** Write answers for the followings : **14**
- (1) Explain PL/SQL block structure also list its advantages over sql. **6**

OR

- (1) Write a trigger that will not allow to change attendance table data after office hours (9 am to 6 pm) from Monday to Friday. There is no restriction on viewing data. **6**
- (2) Explain syntax for creating and replacing trigger. **5**
- (3) Give example for fetching record from cursor. **3**
- 4** Write answers for the followings : (any two) **14**
- (1) What is package ? Why package used explain giving suitable example ?
- (2) Write a pl/sql code block that will accept an productno from user and deduct a quantity by 500 if after deduction quantity left more than 1000, otherwise display message "quantity is not enough".
- (3) Write detail note on TCL statements.
