



J-0840
Second Year B. Sc. Examination
March/April – 2013
Computer Science : Paper - V
(Relational Database Management System)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

<p>नीचे दर्शायेव निशानीवाणी विगतो उत्तरवही पर अवश्य कपनी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : S. Y. B. SC.</p> <p>Name of the Subject : COMPUTER SCIENCE : PAPER - 5</p> <p>Subject Code No. : 0 8 4 0 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : □ □ □ □ □ □ □ □</p> <p style="text-align: center;">Student's Signature</p>
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- (2) Question 1 is **compulsory**.
(3) Figures in the **right** side indicate full marks.

- 1 Answer in brief : 14
- (i) Define Composite Entity
 - (ii) What is use of commit ?
 - (iii) When parametric cursor is used ?
 - (iv) Define Referential integrity.
 - (v) Give examples of DCL.
 - (vi) State names of various types of cursor attributes.
 - (vii) What is aggregation ?

- 2 (a) Explain Functions of Database Administrator. 7
(b) Discuss INF with proper example. 7

OR

- 2 (a) Write note on business constraints. 7
(b) Discuss data types of SQL. 7

- 3 (a) Define Encryption. What is importance of it ? 7
(b) Explain symbols used in ER diagram. 7

OR

- 3 (a) Explain DDL and DML. 7
(b) What are advantages of PL\SQL ? 7
- 4 (a) Discuss Incremental Log with differ updates. 7
(b) Write note on different types of Exception with example.7

OR

- 4 (a) Explain stored procedure with example. 7
(b) How security can be maintain in SQL ? 7
- 5 Attempt any two : 14
- (a) Write and update trigger audit_product on product_mst table (no, name). The system should keep track of records that are being updated. The old values of updated record should be added in audit_trial table (no, name, operation_type, userid, operdate)
- (b) Create a procedure proc_check_no that a check given productno is exists in product_mst table (no, name) or not. Also write package code to input no and display proper message by holding above procedure.
- (c) Write a PL\SQL block code to print fibonaaci series.
- (d) Write a PL\SQL block code to print reverse number of the given integer number.