



P-3722
B. C. A. (Sem. II) (CBCS) Examination
March/April – 2014
Practical : 206

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

<p>नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. C. A. (SEM. II) (CBCS)</p> <p>Name of the Subject : Practical : 206</p> <p>Subject Code No. : 3 7 2 2 Section No. (1, 2,.....) : Nil</p>	<p>Seat No. : <table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table></p> <p style="text-align: center; border: 1px solid black; border-radius: 10px; padding: 5px; margin-top: 10px;">Student's Signature</p>					

- (2) Write to the point.
- (3) Provide examples and diagram wherever appropriate/necessary.
- (4) Figures to the right indicate full marks of the question.
- (5) Assume data if necessary.

Q:-1

(a) Write a C program that accepts a string and replaces its first character with last character, second character with second last character and so on. 30
Example: Input: VNSGU
Output: UGSNV

(b) Write a C program that create a structure emp with fields e_id, name, salary and designation. Enter details of 10 records. Display the employee With maximum salary. 30

Q:-2

(a) Create following tables, apply appropriate constraints and insert at least 5 records in the tables: 20

Vehicle (v_id, name, color, price, company)

Customer (c_id, name, address, phoneno, email)

Sell (v_id, c_id, sell_date, amount)

Constraints:

v_id and c_id should be declared as primary key while creating table.

The color value must be "red", "black" or "white"

Create appropriate relationship between tables.

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[Contd...

- (b) Write SQL statement for following 40
1. Add new column tax in vehicle table.
 2. Display the vehicles which are not sold in last one year.
 3. Display vehicles with maximum profit.
 4. Display vehicle having highest sell.
 5. Display total amount of sale of each vehicle.
 6. Display total number of vehicle of same company.
 7. Display vehicle details purchased in current month.
 8. Display total vehicles with “red” color.
 9. Display vehicle details whose name starts with “H”
 10. Count total vehicle sale in current month whose company name contain minimum 10 characters.
- 3 Journal + viva 20**