



D-3722
B. C. A. (Sem. II) (CBCS) Examination
April / May - 2016
Practical - 206

Time : Hours]

[Total Marks :

Instructions :

(1)

<p>नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. C. A. (SEM. 2) (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. : <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; height: 60px; display: flex; align-items: center; justify-content: center; margin-top: 10px;">Student's Signature</div>
---	--

- (2) Write to the point.
- (3) Provide examples and diagrams wherever appropriate / necessary.
- (4) Figures to the right indicate full marks to the question.
- 1 (a) Write a 'C' Program that creates a structure Employee with EmpNo, Name and Salary. Enter Detail of 10 Records. Display the Employee with Maximum Salary. **20**
- (b) Write a Menu Driven Program that will perform following task.(matrix order is 2*2). **40**
- (1) Addition of two Matrix
- (2) Subtraction of two Matrix
- (3) Multiplication of two Matrix
- (4) Transpose of both matrix
- 2 (a) Create below tables with appropriate constrains and insert minimum 10 records in each table : **20**
- (1) RoomMaster(RoomNo, RoomType, Rate)
- (2) CustomerMaster(CustName, City,RoomNo, CheckInDate, CheckOutDate)
RoomType=Ac, Non-Ac, Delux, Super Delux.

(b) Write appropriate SQL statements for the following : **40**

- (1) Display the name of all customers who are staying in "Super Delux" for more than 2 days.
- (2) Display the room type which is used maximum time.
- (3) Display the name of all customers who visited the hotel between 20-Jan-2016 to 26-Jan-2016.
- (4) Display total number of customer from "Surat" and "Valsad".
- (5) Display total number of rooms allocated on 26-Jan-2016.
- (6) Display all customer whose name start with "Desai".
- (7) Display customer name who is staying maximum in this hotel (Regular visitor).
- (8) Display all customers whose name starts with "p".
- (9) Display Checkin Date wise all customers in sorting order.
- (10) Display all customers in name wise sorting order.

3 Viva + Files

20
