



**AB-3721**

**B. C. A. (Sem. II) (CBCS) Examination**

**April/May – 2015**

**206 : Practical**

Time : Hours]

[Total Marks : 140

**Instructions :**

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.		Seat No. :
Name of the Examination :		<input type="text"/>
← B. C. A. (SEM. II) (CBCS)		<input type="text"/>
Name of the Subject :		<input type="text"/>
← 206 : PRACTICAL		<input type="text"/> Student's Signature
← Subject Code No. : <input type="text"/> 3 <input type="text"/> 7 <input type="text"/> 2 <input type="text"/> 1 ← Section No. (1, 2,.....): <input type="text"/> Nil		

- (2) Write comments in the program wherever necessary.  
(3) Follow all the instructions given by examiners during Exam.

**Q: 1)**

[A] Write a menu driven programme that will perform following tasks [40]  
using UDFs by passing a string argument to each function.

1. Find the length of the string
2. Concat two strings
3. Reverse the string

[B] Write a program to define structure "item" having following fields. [20]  
Itemno,itemname,itemprice.

Read 10 items from console and display item records in ascending  
Order .sort records on itemname field .

**Q: 2) [a]** create the following relations and solve the given queries. [20]

Room\_Master(Room\_no,Room\_type,Rate)

Customer(Cust\_id,Name,city,phone,email)

Check\_in(Room\_no,Cust\_id,chckin\_date,checkout\_date)

Create table with appropriate constraints and insert at least 5 records in each  
table.

**[b] Solve the following queries using above tables**

**[40]**

- 1 Display the customers whose email ends with “yahoo.com”
- 2 Display total number of customers of “Surat” city.
- 3 Display the room\_no which is allocated maximum number of times.
- 4 Display the total number of customer details who checked in year 2012.
- 5 Display the customers who had checked in room type “deluxe”.
- 6 Display the customers who checked in between 01-jan-2012 to 24-dec-2014.
- 7 Display the customers who stayed for 5 days.
- 8 Add new field called age in table customer.
- 9 Display the customer who stayed maximum number of times in the room no 101.
- 10 Display customers who stayed in room type “super deluxe” more than 10 days.

**Q:-3 viva+journal**

**[20]**