



A-3741

Second Year B. C. A. (Sem. III) Examination

April / May 2015

Paper - 306 : Practical

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

नीचे दशांशवैध निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="SECOND YEAR B. C. A. (SEM. III)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="PAPER - 306 : PRACTICAL"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="4"/> <input type="text" value="1"/>	<input type="text"/>
Section No. (1, 2,.....): <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

Q: 1 Create a class called ACCOUNT. Derive two different class DEPOSITE and WITHDRAW from it. Derive one more class ACCESS from DEPOSITE and WITHDRAW. Give the following facilities. [40]

- To create an account.
- To Deposit an amount.
- To withdraw an amount.
- To check balance.

Q: 2 Write a program to perform quick sort on unsorted elements of an array. [40]

Q: 3 Consider the following tables.

Menu (Item_id, name, prize , category [rice, vegetable, roti, starter, soup])
Order (o_id, item_id, table_no, qty)

(A) Solve the following queries. [20]

- 1) Create the tables with necessary constraints and enter suitable data.
- 2) Display the name of items which are ordered in quantity more than one.
- 3) Display the order in which items ordered belong to two or more category.
- 4) Display the table number who ordered the most costly item.
- 5) Display category wise prize of most costly item.

(B) Create a trigger that will make sure that order quantity cannot be zero or negative. [20]

Q: 4 Viva and Journal. [20]

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[200]