

Recume

IV/BCA/402 P

2016

(4th Semester)

BACHELOR OF COMPUTER APPLICATIONS

Paper No. : BCA-402 P

(Oracle Laboratory)

(Practical)

(New Course)

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks
for the questions

SECTION—A

1. Create the following three tables :

Sales_man

<u>SNUM</u>	S NAME	CITY	COMMISSION
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Customer

<u>CNUM</u>	C NAME	CITY	RATING	SNUM
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Orders

<u>ONUM</u>	AMOUNT	ODATE	CNUM	SNUM
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(Turn Over)

(2)

Insert at least five records in each table. From the tables you created, answer any two of the following using SQL query :

- (a) List all customers serviced by salesman with commission above 12%. 15
- (b) Produce the name and rating of all customers who have above average order. 15
- (c) Calculate the total order for each day. 15
- (d) Create a view called Big Orders which stores all orders larger than ₹ 4000. 15

SECTION—B

Answer **any one** question

2. Create the following database : 20

CUSTOMER (cust : int, cname : string, city : string)
ORDER (order : int, odate : date, cust : int, ord_amt : int)
ORDER_ITEM (order : int, item : int, qty : int)
ITEM (item : int, unitprice : int)
SHIPMENT (order : int, warehouse : int, ship_date : date)
WAREHOUSE (warehouse : int, city : string)

Insert at least five records in each table and answer the following using SQL query :

- (a) List the order# for orders that were shipped from all warehouses that the company has in specific city (say AIZAWL).

(3)

(b) Find out which unit price is lowest.

3. Create the following banking database : 20

BRANCH (branch_name : string, branch_city : string, asset : real)

ACCOUNT (accno : int, branch_name : string, balance : real)

DEPOSITOR (customer_name : string, accno : int)

CUSTOMER (customer_name : string, customer_street : string,
city : string)

LOAN (loan_number : int, branch_name : string, loan_number : int)

BORROWER (customer_name : string, customer_street : string,
city : string)

Insert at least five records in each table and
answer the following using SQL query :

(a) Find the lowest and highest balance in
account table.

(b) Select the borrower name and balance
using subquery.

SECTION—C

4. Viva voce. 15

5. Practical record. 10
