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(5th Semester)

BACHELOR OF COMPUTER APPLICATION

Paper No. : BCA–506 (OC)

(Database Management Systems)

(Practical)

(Old Course)

Full Marks : 75

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

SECTION—A

(*Marks* : 50)

1. Create the following three tables : 3×3=9

1. Salesman

SNUM	SNAME	CITY	COMMISSION
1001	PIYUSH	LONDON	12%
1002	NIRAJ	SURAT	13%
1003	MITI	LONDON	11%
1004	RAJESH	BARODA	15%
1005	ANAND	NEW DELHI	10%
1006	RAM	PATNA	10%
1007	LAXMAN	BOMBAY	09%

(*Turn Over*)

2. Customer

CNUM	CNAME	CITY	RATING	SNUM
2001	HARDIK	LONDON	100	1001
2002	GITA	ROME	200	1003
2003	LAXIT	SURAT	200	1002
2004	GOVIND	BOMBAY	300	1002
2005	CHANDU	LONDON	100	1001
2006	CHAMPAK	SURAT	300	1007
2007	PRATIK	ROME	100	1004

3. Order

ONUM	AMOUNT	ODATE	CNUM	SNUM
3001	18·69	10/03/99	2008	1007
3002	767·19	10/03/99	2001	1001
3003	1900·10	10/03/99	2007	1004
3004	5160·45	10/03/99	2003	1002
3005	1098·25	10/04/99	2008	1007
3006	1713·12	10/04/99	2002	1003
3007	75·75	10/05/99	2004	1002
3008	4723·00	10/05/99	2006	1001
3009	1309·95	10/05/99	2004	1002
3010	9898·87	10/06/99	2006	1001

Answer the following questions :

2. Give all the information about all the customers with salesman number 1001. 2

3. List of all orders for more than ₹ 1,000. 2

4. Find out the largest orders of salesman 1002 and 1007. 2

5. List all customers whose names begin with a letter 'C'.   2

6. Find the largest order taken by each salesman on 10/03/1997.   3

7. List all orders with the names of their customer and salesman.   3

8. Calculate the amount of the salesman commission on each order by customer with rating above 100.   3

9. Calculate the total amount ordered on each day eliminating the days where the total amount was not at least ₹ 2,000 above the maximum amount of that day.   3

10. Count the number of customers with the rating above than the average of 'Surat'.   3

11. Find all customers having rating greater than any customer in 'Rome'.   3

12. Insert a row into customer table with values London, Pratik a 2005 for the columns city, name and number.   3

13. Remove all orders from customer Chandresh from the orders table.   3

14. Insert a row into salesmen table with the values snum is 100 salesman name is Rakesh, city is unknown and commission is 14%.   3

15. Find the smallest order for each day. Reduce the commission of all salesmen by 2% who produce this order.   3

16. Create a view commission of salesmen table to include only snum and commission field so that through this view someone can enter or change the omission but only to values between 10% and 20%.   3

SECTION—B

(*Marks* : 25)

1. Viva voce.   15

2. Practical record book.   10

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