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(5th Semester)

BACHELOR OF COMPUTER APPLICATION

Paper No. : BCA–506

(DBMS)

(Practical)

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks
for the questions

SECTION—A

(*Marks* : 50)

1. Create Salesman tables and insert the
following values :   3

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. Create Customer tables and insert the following values : 3

Customer

CNUM	CNAME	CITY	RATING	NUM
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. Create Order tables and insert the following values : 3

Order

ONUM	AMOUNT	ODATE	CNUM	NUM
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 :

4. List out all customers excluding those with rating <=100 or they are located in Rome. 3

5. List out the names and cities of all salesmen in London with commission above 10%. 3

6. Calculate the average amount ordered.   3

7. Find out the customer in alphabetical order whose name begins with 'G'.   3

8. Display the number of order for each day in the following format dd-mon-yy.   4

9. Calculate the amount of the salesman commission on each order by customer with rating above 100.   5

10. Create a view called big orders which stores all orders larger than ₹ 4,000.   5

11. Create a view that shows all the salesmen with multiple customers.   5

12. List out all salesmen in London who had at least one customer located there as well.   5

13. Find the smallest order for each day. Reduce the commission of all salesmen by 2% who produce this order.   5

SECTION—B

(*Marks* : 25)

1. Viva voce   15

2. Practical Record book   10

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