



DM-1868

Second Year B.C.A. (Semester - III) Examination

January – 2008

306 : Practicals

Time : Hours]

[Total Marks : 140

Instruction :

नीचे दशांशक निशानोंवाणी विगतो उत्तरवडी पर अवश्य लभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
Second Year B. C. A. (Semester - 3)

Name of the Subject :
306 : Practicals

Subject Code No. : 1 8 6 8 Section No. (1, 2,.....) : Nil

Seat No. :
0 0 0 2 4 9

Pristry
Student's Signature

- 1 In doubly linked list make provision for : 40
 - (a) Adding a node
 - (b) Deleting a node
 - (c) Displaying the nodes present in linked list

- 2 Create class time 12 having member variables hour, minute, second and meridian. Create another class time 24 having member variables hour, minute and second. 40

Perform following type conversion between two class data types.

Time 24 → time 12

- 3 Do as directed : 40
 - Create following tables and apply appropriate constraints :
Dept_master (dept_no, dept_name)
Emp_master (emp_no, fname, lname, manager_no, dept_no, salary, city, d_o_b, add)
Hint : manager is one of the employee.

Perform following operations :

Insert at least 5 records in each database
Display name of the employees who are from 'surat'
Change size of the field address with 30
List emp name whose birthday is in current month
Display dept_name who has no employee
Give 500 Rs. Bonus added to salary of the emp who has sal >6000
List all employees department wise
Display name of the employee among with their manager

Handwritten notes in red ink: "DM-1868", "MCA", "MBA", "AtoZmath.com", "AOS", "VNSGU".

4 Viva + journal.

20