



R-1830

First Year B. C. A. (Sem. II) Examination

May / June – 2010

206 : Practicals

(New Course)

Time : Hours]

[Total Marks : 140

Instruction :

| | |
|---|----------------------|
| नीचे दशाविवेक निशान्चीवाणी विगतो उत्तरवडी पर अवश्य वजवी. Fillup strictly the details of signs on your answer book. | Seat No. : |
| Name of the Examination : | <input type="text"/> |
| F. Y. B. C. A. (Sem. 2) | <input type="text"/> |
| Name of the Subject : | <input type="text"/> |
| 206 : Practicals (New) | <input type="text"/> |
| Subject Code No. : <input type="text"/> 1 <input type="text"/> 8 <input type="text"/> 3 <input type="text"/> 0 | Student's Signature |
| Section No. (1, 2,.....) : <input type="text"/> Nil | |

- 1 (a) Write a C program to create an array dynamically for N-numbers, accept N-numbers from user and print array elements in reverse. **25**
- (b) Write a C program that accept a string from user and delete duplicate characters from it. **25**
e.g. input string → Programming Language
output string → Progamin Lue
- 2 (a) Create below tables with appropriate constraints and insert at least 5 records in each table : **20**
Employee (Emp_id, Name, City, Salary)
Position (Emp_code, Designation, Position_date)
Dependent (Emp_id, Dep_name)
- (b) Write appropriate SQL statements for the following : **30**
 - (a) Add column relation in dependent table.
 - (b) Display employee information designation-wise.
 - (c) List the employees' information in descending order of their names.
 - (d) Count the dependent of each employee.
 - (e) Display the name of employee whose position is Programmer.

- (f) List the employees' detail whose position date is in February.
- (g) Give the increment of Rs. 500 to employees whose salary is more than 25,000 and designation is Manager.
- (h) Delete the information of dependent whose name ends with letter 'M'.
- (i) Calculate Average salary.
- (j) Display minimum salary without using aggregate function.

3 Create company of M/s. Star Trading Co. Suthar pole, Relief Road,, Ahmedabad for the year 2009-2010. The entries below are the balances extracted from a ledger, prepare the trial balance. **20**

| Particulars | Amount |
|------------------------------|---------------|
| Cash in Hand | 50,000 |
| Cash at Bank..... | 75,000 |
| Advertising expense..... | 2,000 |
| Salaries paid | 10,000 |
| Discount earned | 2,000 |
| Discount paid | 1,500 |
| Electricity Bill | 1,000 |
| Machinery | 25,000 |
| Purchases | 10,000 |
| Sales | 20,000 |
| Interest paid..... | 500 |
| Bills payable..... | 1,500 |
| Printing and Stationery..... | 500 |
| Loans given | 5,500 |
| Sundry debtors | 10,000 |
| Sundry creditors | 5,000 |
| Bad debts..... | 500 |
| Bills receivables | 1,500 |
| Rent received..... | 2,000 |
| Capital | 1,66,500 |

4 Viva and Journal **20**