



RR-1848

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

April / May – 2007

Practicals (New Course)

Time : Hours]

[Total Marks :

Instructions :

(1)

नीचे दृष्टवित निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.  
Fillup strictly the details of signs on your answer book.

Seat No.:

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Name of the Examination :  
F. Y. B. C. A. (Sem. 2)

Name of the Subject :  
Practicals (New Course)

Subject Code No. : 1 8 4 8 Section No. (1, 2,.....): 132

Student's Signature

(2) Figures to the right indicate full marks.

SECTION - I

1 (a) Write a program to input a string that consists of first name, middle name and last name. Then print inputted string as follow : 50

e.g. i/p → Sachin Ramesh Tendulkar  
o/p → S. R. Tendulkar

(b) Write a program to display circular matrix for given number N.

e.g. i/p number 4 then o/p

```
16 15 14 13
 5  4  3 12
 6  1  2 11
 7  8  9 10
```

2 A Stud.dbf has the following fields :

50

Rno, Name, Tot\_Of\_500, Percentage, Result, Class

The values of Percentage, Result and Class fields are yet to be calculated.

The class is declared on the following criteria :

If Per  $\geq$  70, Class = "Distinction"

If Per  $\geq$  60 and  $<$ 70, Class = "First"

If per  $\geq$  50 and  $<$ 60, Class = "Second"

If Per  $\geq$  40 and  $<$ 50, Class = "Pass"

Results = "Pass" if pass in all the subjects  
= "ATKT" if fail in at the most 2 subjects  
= "FAIL" otherwise.

The class should be declared if the student is passing in all the subjects.

Write a FoxPro program, which calls the procedure for calculating the Percentage and Class, and then update the table based on the values returned by the procedure.

Merit list should be created and displayed all the details in the following format :

**Mark List**

Roll#	Name	Total	Percentage	Result	Class
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3 Prepare annual account of Radha & Co. using following opening balances and transaction for the month of March, 2006 :

**Opening Balances :**

Cash a/c	30,000
Creditors a/c	24,700
Radha's capital a/c	50,500
Furniture a/c	11,200
Machinery a/c	26,000
Bank of Maharashtra a/c	8,000

March 7 Paid into Bank of Maharashtra Rs. 11,000.

March 9 As more money required in business, the proprietor Shri Radha sold his old Activa Scooter for Rs. 26,000 and brought half of the amount invested in the business.

March 13 Sold goods for cash Rs. 10,300

- March 18 Purchased goods of Rs. 5,000 from Sangam Stores @ 10% trade discount and paid Rs. 100 for carriage in ash.
- March 20 Paid salaries in cash Rs. 3,200 and paid rent by cheque Rs. 1,300.
- March 25 Returned defective goods worth Rs. 500 to Sangam stores.
- March 29 Purchased from M/s. Nilkanth Products two chair each Rs. 560 and paid by cheque.
- March 31 Withdrawn by cheque for personal expenses Rs. 1,500.

4 Viva and journal. 20

### SECTION - II

1 (a) Write a program to accept a string from user then calculate the frequency of each character in the string : e.g input string is : MALAYALAM then output is as follow :

A 4  
L 2  
M 2  
Y 1

(a) Write a program that displays the following pattern : e.g. if N = 3

\*  
\* \*  
\* \* \*

Note : Use only one loop structure.

(b) Write a program that takes date as input and display its day number, day, weekday number, month number, month and year. Check whether the given year is leap year or not. Display all the details with proper formatting and validation.

- 3 (a) Create company for M/s citylight mobile Gallery for 20 the year 31<sup>st</sup> March, 2006.  
(b) Create company of bullseye production for the year 31<sup>st</sup> May, 2003 and enter the following balances under proper ledger in Tally.

IE	Insurance premium a/c	3,200	Indirect expenses
DE	Interest received	600	Indirect income
	Loan from Riddhi a/c	11,000	unsecured loan
IE	Bad debts	900	indirect expenses
Fixed	Patent a/c	5,200	Fixed Asses.
Fixed	Freight and Octroi a/c	800	Direct expenses
	Debtors a/c	14,000	Sundry debtors
	Sales a/c	18,000	Sales A/c
	Purchase a/c	9,900	Purchase A/c
	Bank of India a/c	25,000	Bank A/c
	Cash a/c	3,000	cash in hand
	Bills payable a/c	8,000	Current liabilities
	Interest on loan of Riddhi a/c	200	indirect expenses
	Investments a/c	10,500	Investment
	Capital a/c	30,000	Capital
	Discount received a/c	1,100	indirect income
	Commission received a/c	2,000	"
	Purchase goods return a/c	2,000	Purchase A/c

4 Viva and journal.

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