

F.Y.B.C.A.

Practical Examination - April-May-2016

Duration: 3 Hours.

Set-3

Total Marks: 100

Q-1 Write a program to generate the following pattern. It should be flexible to display output for n rows. [25]

```
      1
     2 1
    3 2 1
   4 3 2 1
  5 4 3 2 1
```

Q-2 Write a program to write 1 to 50 numbers into the file called "number.txt". Read the same file and store odd number into "odd.txt" and even numbers into "even.txt" and display content of both odd and even file on the screen. [25]

Q-3 Create database "SALES" in Ms Access 2007 and create following tables on this database.

1. Create following table. [25]

Table Name: Sales_Master

FIELD NAME	DATA TYPE	DESCRIPTION
SALES_ID	TEXT	S01,S02,S03....
SALES_ITEM	TEXT	TV, AC, CAR etc..
SALES_QTY	NUMBER	QTY=QUANTITY
PRICE	NUMBER	---

2. Insert at least 10 records in the given table.

3. Calculate Total sales price. $TOTAL_SALES_PRICE = SALES_QTY * PRICE$

4. Calculate 10% commission based on $TOTAL_SALES_PRICE$.

5. Calculate 5% discount on $TOTAL_SALES_PRICE$.

Q-4 Create employee table in MS-excel with the fields *Emp_no, Name, Designation, Basic Salary, DA, HRA, Medical_allowance, GPF* and *Total_Salary*. [25]

1) Enter any 10 employee records.

2) Calculate DA 25% of basic salary.

3) Calculate HRA 10% of basic salary.

4) Medical allowance should be 100 rupees to each employee.

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Q-1 Write a program to display fibonacci series for 0 + 1 + 1 + 2 + 3 + 5n number. [20]

Q-2 Write a program to read data from the user and store into the file. Read the same file and store vowels and consonant into different files called "vowel.txt" and "cons.txt". [30]

Q-3 Create "DEPARTMENT" database in Ms Access. [25]

Create following tables:

TABLE: DEPT_DETAIL

FieldName	Data Type	description
DEPT_ID	TEXT	D01,D02,D03....
DEPT_NAME	TEXT	SALES, MARKETING, PRODUCTION
DEPT_SALES	NUMBER	In Between Rs.10000 TO Rs.50000

Perform following operation on the given table:

1. Insert at least 10 appropriate records in the given table.
2. Update department name "PRODUCTION" where department id is "D05".
3. Delete those records whose sales amount is less than 15000.
4. Update sales amount with 34500 where dept id is D03.
5. Create simple report based on the given table and give title "**DEPARTMENT DETAIL REPORT-2016**".
6. Create a Macro to open report.

Q-4 Prepare Power Point Presentation with maximum 10 slides about your college information using different transition in the slides and different effects. Use master slide layout for showing information such as title, slide number, date, etc. [25]