

Tabe-1

Field Name	Type (Size)	Remarks
CUST_ID	Character(50)	Customer Identity, Primary Key
CUST_NAME	Character(40)	Customer Name
CUST_ADD	Character(60)	Address of Customer
MOB_NO	Integer(10)	Mobile Number for Communication
E_MAIL	Character(25)	e-mail identity of customer

2022

DATABASE MANAGEMENT SYSTEM (Using Foxpro)
COMPUTER TECHNIQUE (Paper – III)
(Vocational Stream)

*Full Marks : 100**Time : 4 hours***(Practical Examination)**

SECTION – I

Marks : 50

★★★

4. Viva-voce 10
5. Practical Copy evaluation 10

ANSWER ALL THE QUESTIONS

1. Create a database file **STUDENT.DBF** which have following Field Structure:

15

Field Name	Type	Width
NAME	CHARACTER	25
ENGLISH	NUMERIC	3
ELECTIVE-I	NUMERIC	3
ELECTIVE-2	NUMERIC	3
ELECTIVE-3	NUMERIC	3

(2)

Add the following records into the Database file:-

Record No.	Name	English	Computer App.	Maths
1	Ajay	17	86	90
2	Zubian	78	92	98
3	Rohan	69	93	95
4	Sumit	77	91	96
5	Vijay	71	77	98
6	John	74	94	80
7	Raman	94	88	75

Perform the following queries on the database file mentioned above-

- (a) Display all the English Marks whose Marks are more than 90.
- (b) Display the list of Name which starts with alphabet 'R'.

[Write the required commands of Foxpro..] 5 + 5 = 10

2. The GARDEN SCHOOL wants to prepare a student Information file. The following data are to be recorded for each student:

*Name, Class, Roll No., Date of Birth, Address
(Includes-Place, Town, State Pin code, Phone No.)*

(3)

Following validation must be done to input data's:

5 × 5 = 25

- (a) All addresses must be stored in Upper case Letter.
- (b) The Roll Number must be in the following form:
 - (i) The first digit is character followed by zeroes and numbers, e.g. R0001, R0002,.....etc.
 - (ii) If the Roll Number entered by the user are not in the above (i) following form, then necessary Error Messages should be displayed on the bottom of the screen.
- (c) Town should be in Upper case, lower case or special symbol can be entered.
- (d) The Pin Code should be in six digit length, additional digit cannot be entered.
- (e) The Birth date should be in *dd-mm-yyyy* format. The students to be entered are not less than 5 years of age and not more than 18 years old.

SECTION – II

(Marks : 50)

3. Consider the following CUSTOMER.DBF database file and write a user-friendly program to ADD and DELETE record from the Database. Display a MENU followed by appropriate error messages.