

Note: Section I is compulsory.

2. Write short answers to any SIX questions:

12

- Define data capturing.
- What is foreign key?
- What is meant by a file in database?
- Describe referential integrity.
- Define 1NF.

3. Write short answers to any SIX questions:

12

- What are uses of preprocessor directives?
- Differentiate between Linker and Loader?
- Give two examples of run time errors.
- What will happen if stdio.h file is missing in a C Program?
- Differentiate between Constant and Variable.
- Declare an integer variable with name marks and store 799 in it.
- Predict output of the code given below
int a=27, b=19;
printf("%d+%d=%d", a, b, a+b);

SECTION - I

MS-ACCESS

- Differentiate between menubar and toolbar.
- Write down any two characteristics of a table.
- What is the difference between crosstab queries and parameter queries?
- List down any two layouts of forms.

C-LANGUAGE

- Trace out errors from following code
segment
Void main ();
doub t=45;
printf("%f",t)
- How is the end of text file indicated?

OR

VISUAL BASIC

3. Write short answers to any SIX questions:

12

- Write down any two uses of flowchart.
- Write down about Natural Programming Languages.
- List out advantages of structured programming.
- What is the usage of label control?
- What is the purpose of name property of a control in VB?

- What is the purpose of QueryUnload event?
- Write down the syntax of KeyPress event.
- Why SetFocus method is used in Visual Basic?
- What is meant by Modal Form?

(Turn Over)

- 2 -

C-LANGUAGE

4. Write short answers to any SIX questions:

12

- What is the use of "getch" function?
- What is the use of format specifier in C-language?
- Write down output
int N=65;
printf ("%c",N);
- Write down output
int x=20;
if (x!=10)
printf ("Nothing");
else
printf ("Hello");
- Define compound statement.
- Convert the following loop into do-while loop.
int x;
for (x=1;x<=10;x++)
printf ("%d",x%2);
- What is for loop?
- Which part of loop contains the statements to be repeated?
- Write down an expression in C that represents speed is not greater than eighty.

OR

VISUAL BASIC

4. Write short answers to any SIX questions:

12

- Define archive property of FileListBox control.
- What is scrollbar control?
- What is the purpose of ListCount property?
- Define label control.
- State WordWrap property.
- Why popup menus are used?
- What is font dialog box?
- What is tooltip?
- What are the advantages of having parent and child forms?

SECTION - II

MS-ACCESS

Note: Attempt any ONE question.

- Define database system. What are four major components of database system? Write in detail. (8)
- Explain different components of logical model in detail. (8)

SECTION - III

Note: Attempt any TWO questions (either from "C-Language" or from "Visual Basic"):

C - LANGUAGE

- What is if-else-if statement? Explain syntax and working with example. (8)
- Write a program using loop to calculate the following series
2+4+6+8+.....+40 (8)
- Explain the benefits of using function. (8)

OR

VISUAL BASIC

- What is extended if-then-else statement? Explain syntax and working with example. (8)
- Write a program using loop to calculate the following series
2+4+6+8+.....+40 (8)
- Explain the benefits of function procedure. (8)