

Note: Section I is compulsory.

SECTION – I

2. Write short answers to any SIX questions:

12

MS-ACCESS

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

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

3. Write short answers to any SIX questions:

12

C-LANGUAGE

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

- viii. Trace out errors from following code segment
Void main ();
doub t=45;
prnF(“%f”,t)
- ix. How is the end of text file indicated?

OR

VISUAL BASIC

3. Write short answers to any SIX questions:

12

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

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

(Turn Over)

C-LANGUAGE

4. Write short answers to any SIX questions:

12

- | | |
|--|---|
| i. What is the use of "getch" function? | v. Define compound statement. |
| ii. What is the use of format specifier in C-language? | vi. Convert the following loop into do-while loop.
int x;
for (x=1;x<=10;x++)
printf ("%d",x%2); |
| iii. Write down output
int N=65;
printf ("% c",N); | vii. What is for loop? |
| iv. Write down output
int x=20;
if (x!=10)
printf ("Nothing");
else
printf ("Hello"); | viii. Which part of loop contains the statements to be repeated? |
| | ix. 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

- | | |
|--|---|
| i. Define archive property of FileListBox control. | vi. Why popup menus are used? |
| ii. What is scrollbar control? | vii. What is font dialog box? |
| iii. What is the purpose of ListCount property? | viii. What is tooltip? |
| iv. Define label control. | ix. What are the advantages of having parent and child forms? |
| v. State WordWrap property. | |

SECTION - II
MS-ACCESS

Note: Attempt any ONE question.

- | | |
|--|-----|
| 5. Define database system. What are four major components of database system? Write in detail. | (8) |
| 6. 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

- | | |
|---|-----|
| 7. What is if-else-if statement? Explain syntax and working with example. | (8) |
| 8. Write a program using loop to calculate the following series
2+4+6+8+.....+40 | (8) |
| 9. Explain the benefits of using function. | (8) |

OR

VISUAL BASIC

- | | |
|--|-----|
| 7. What is extended if-then-else statement? Explain syntax and working with example. | (8) |
| 8. Write a program using loop to calculate the following series
2+4+6+8+.....+40 | (8) |
| 9. Explain the benefits of function procedure. | (8) |