

Note: Section I is compulsory.

(SECTION – I)

2. Write short answers to any SIX questions:

12

MS-ACCESS

- | | |
|--|---|
| i. Why is it important to specify data type and size of a field? | vi. Differentiate between partial dependency and transitive dependency. |
| ii. Differentiate between master file and transaction file. | vii. What do you know about RDBMS? |
| iii. Write any two purposes of using views. | viii. What is the cardinality of a relation? |
| iv. What is the purpose of logical database design? | ix. Differentiate between combo box and list box. |
| v. How is referential integrity achieved? | |

3. Write short answers to any SIX questions:

12

C-Language

- | | |
|---|--|
| i. Define a program. | vi. Find errors in following code: |
| ii. What are delimiters? | int a |
| iii. Define variable initialization. | printf (" %d " a); |
| iv. Declare two integer variables x and y in one declaration statement. | vii. Define scanf () function. |
| v. Determine the output of the following code: | viii. Write a single printf statement to display the following text: |
| int x , y = 6; | C:\My documents |
| x = y ++; | ix. What will be the output of the following code: |
| printf (" %d " , x); | printf (" Book\n Reading\t is good habit "); |

OR

VISUAL BASIC

3. Write short answers to any SIX questions:

12

- | | |
|---|---|
| i. Define text box. | vi. What happened when you hide a form? |
| ii. Define object. | vii. Define variable initialization. |
| iii. What is the purpose of "name" property of a control? | viii. What is an expression? |
| iv. What is load event? | ix. Convert the following expression in VB, |
| v. Define class. | $x^2 + 3x - 4$ |

(Turn Over)

4. Write short answers to any SIX questions:

12

C-Language

- | | |
|--|--|
| i. What is the purpose of default label in switch statement? | v. Write the syntax of for loop. |
| ii. Convert the following conditional expression into if-else statement.
$x < 0 ? y = 10 : z = 20 ;$ | vi. Convert the following code in do while loop.
<pre>int i = 1; while (i < + 15) { printf (" a "); i ++ ; }</pre> |
| iii. Determine the output of the following code:
<pre>int p = 3 , q = 5; if (p > q) printf (" %d " , p); else printf (" %d " , q);</pre> | vii. What is function call?
viii. Define global variable.
ix. What is binary stream? |
| iv. Write the purpose of continue statement. | |

OR
VISUAL BASIC

4. Write short answers to any SIX questions:

12

- | | |
|--|---|
| i. What is the purpose of text property of a button? | vi. Define relational operators. |
| ii. How to select a check box in code? | vii. Draw the flow chart of While...End...While loop. |
| iii. Define combo box. | viii. Write the syntax of Do...While loop. |
| iv. Write the limitation of IF...THEN structure. | ix. Define Do...Until...Loop. |
| v. What is selection structure? | |

(SECTION - II)
MS-ACCESS

Note: Attempt any ONE question.

- | | |
|--|---|
| 5. Briefly explain the database design process with the help of diagram. | 8 |
| 6. What is a form? Explain its uses and advantages. | 8 |

(SECTION - III)

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

C - LANGUAGE

- | | |
|--|---|
| 7. Discuss printf function in detail. | 8 |
| 8. What is nested " if " statement? Explain its working with example. | 8 |
| 9. Write a program that displays counting from 10 to 1 using For loop. | 8 |

OR
VISUAL BASIC

- | | |
|---|---|
| 7. What is variable? Write down the rules to give name to the variable. | 8 |
| 8. Define array. Explain its different types in Visual Basic (VB). | 8 |
| 9. Write a program that displays counting from 10 to 1 using For-Next loop. | 8 |