SECTION-I

(Either from “MS-Access & C-Language” or from “MS-Access & Visual Basic”).

MS-ACCESS

2. Attempt any six parts.  
   (i) Define Data File.  
   (ii) Differentiate between Database and DBMS.  
   (iii) Who is Database Administrator?  
   (iv) Define Foreign Key.  
   (v) Explain Relationship.  
   (vi) What is Database Integrity?  
   (vii) Define Query.  
   (viii) What is the use of Tabular Form?  
   (ix) Describe Sub Form.

C-LANGUAGE

3. Attempt any six parts.  
   (i) Who is Programmer?  
   (ii) What is an Assembler?  
   (iii) Differentiate between Source Code and Object Code.  
   (iv) What is an Arithmetic Expression?  
   (v) What is an Assignment Statement?  
   (vi) Define Logical Operator.  
   (vii) List some important functions for Input.  
   (viii) What is the use of scanf ( ) function.  
   (ix) Differentiate between getch ( ) and getche ( ) functions.

4. Attempt any six parts.  
   (i) Define Control Structure.  
   (ii) Explain “if” statement.  
   (iii) Why break statement is used in switch ( ) statement?  
   (iv) Define Loop.  
   (v) What is output of following code?
     ```c
     int x = 0, count;
     For (count = 0, count < 3 ; count++)
     x+ = count;
     printf("% d \n ", x);
     ```
   (vi) Define Infinite Loop.  
   (vii) Define Function Header.  
   (viii) Define Local Variable.  
   (ix) Give examples of user-defined and built-in functions in C.
3. Attempt any six parts.  
(i) Who is programmer?  
(ii) What is an Assembler?  
(iii) Differentiate between Source Code and Object Code.  
(iv) What is an Arithmetic Expression?  
(v) What is an Assignment Statement?  
(vi) Define Logical Operator.  
(vii) Define Option Explicit.  
(viii) What is Counter Loop?  
(ix) Differentiate between Input Box ( ) and MsgBox ( ) function.

4. Attempt any six parts.  
(i) Write two uses of Loop.  
(ii) Which statement terminates Do and For loops early?  
(iii) Define Nested Loop.  
(iv) Define select case help in VB.  
(v) Which language is used to write algorithms?  
(vi) Explain use of message box.  
(vii) Define Identifier.  
(viii) Define Comparison.  
(ix) Define Logical Operators.

SECTION-II
MS-ACCESS

5. Describe different types of keys used in Database.  
6. Define the different data types available in Microsoft Access.

C-LANGUAGE

NOTE: - Attempt any two questions.

7. How many types of errors can occur in C-program?  
8. Define and explain scanf function with example.  
9. Write a program that inputs a number from user and displays its table according to the following format:  
   Suppose the number entered is 5, the output will be as follows:-  
   5 * 1 = 5  
   5 * 2 = 10  
   5 * 3 = 15  
   --  
   --  
   5 * 10 = 50

NOTE: - Attempt any two questions.

7. Write a note on all events of a Form Control.  
8. What is select case structure? Explain working with flowchart and example.  
9. Write a program in Visual Basic that displays first ten even numbers.

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