

**INTERMEDIATE PART-II (12<sup>th</sup> CLASS)****COMPUTER SCIENCE (OLD SCHEME)**

TIME ALLOWED: 2.10 Hours

**PAPER-II****SUBJECTIVE**

MAXIMUM MARKS: 60

**NOTE: - Write same question number and its part number on answer book,  
as given in the question paper.**

**SECTION-I**

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

**MS-ACCESS****2. Attempt any six parts.****6 x 2 = 12**

- (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.****6 x 2 = 12**

- (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.****6 x 2 = 12**

- (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?  

```
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.

( 2 )  
**OR**  
**VISUAL BASIC**

**3. Attempt any six parts.**

**6 x 2 = 12**

- (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 Msg Box ( ) function.

**4. Attempt any six parts.**

**6 x 2 = 12**

- (i) Write two uses of Loop.
- (ii) Which statement terminate 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**

**NOTE: - Attempt any one question.**

- 5. Describe different types of keys used in Database. 8
- 6. Define the different data types available in Microsoft Access. 8

**C-LANGUAGE**

**NOTE: - Attempt any two questions.**

- 7. How many types of errors can occur in C-program? 8
- 8. Define and explain scanf function with example. 8
- 9. Write a program that inputs a number from user and displays its table according to the following format: 8

Suppose the number entered is 5, the output will be as follows:-

5 \* 1 = 5  
5 \* 2 = 10  
5 \* 3 = 15  
--  
--  
--  
5 \* 10 = 50

**OR**  
**VISUAL BASIC**

**NOTE: - Attempt any two questions.**

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