

SECTION – I**(MS-ACCESS)****2. Write short answers to any SIX (6) questions :****12**

- (i) What is indexed sequential file?
- (ii) What is control key?
- (iii) Differentiate between cardinality and modality.
- (iv) Define repeating groups.
- (v) What is the purpose of status bar ?
- (vi) What is the purpose of reports?
- (vii) What is the usage of secondary key in database? Justify with the help of example.
- (viii) What is the main purpose of “ Replicated ” data distribution strategy?
- (ix) Write down any two built-in functions that perform calculation in query.

C-Language**3. Write short answers to any SIX (6) questions :****12**

- (i) Define keywords.
- (ii) What is meant by standard output?
- (iii) Describe pointer variable.
- (iv) What is binary stream?
- (v) Write a C-Language statement to declare a long data type variable.
- (vi) Find any two errors
char ch, ch1, sum
ch1 = '2';
ch2 = '6';
- (vii) Find output
int x = 7;
int y = 3;
printf (“% d and % d ”, x / y, x % y);
- (viii) Find any two errors
void main ();
{
int B = 20;
printf (“ % d ”, b);
}
- (ix) Write down the output of the following code :
printf (“ Pakistan \t Zindabad \n ”);
printf (“ We \t \t Pakistani \t people ”);

OR**(Visual Basic)****3. Write short answers to any SIX (6) questions :****12**

- (i) Define an event in VB.
- (ii) Describe project explorer window.
- (iii) What are mouse events in VB?
- (iv) Differentiate between design time and runtime.
- (v) Define property window.
- (vi) Describe three styles of combo box.
- (vii) What is the purpose of scroll bar control?
- (viii) How does an option button differ from check box?
- (ix) Why a three letter prefix is used with the names of controls?

C-Language**4. Write short answers to any SIX (6) questions :****12**

- (i) Differentiate between while and do-while loops.
- (ii) Define built-in functions with example.
- (iii) Predict the output of the following code segment :
if (50 == 70)
printf (“ HAPPY ”);
else
if (80 == 100)
printf (“ NOT HAPPY ”);
- (iv) Differentiate between “if else” and “ if-else-if ” statements.
- (v) Convert the following while () loop into for () loop :
int i = 5;
while (i <= 10)
{
printf (“ % d \n ”, i);
}
- (vi) Predict the output of the following code segment :
int c;
for (c = 1; c <= 10; c = c + 2)
printf (“ %d ”, c);

(Turn Over)

4. (vii) Write the purpose of function argument.
- (viii) Differentiate between function definition and function declaration.
- (ix) What is the life time of local variable?

OR

(Visual Basic)

4. Write short answers to any SIX (6) questions :

12

- (i) Define single data type in VB.
- (ii) Describe explicit variable declaration.
- (iii) What is concatenation in Visual Basic?
- (iv) What is Val function?
- (v) Differentiate between + and & in Visual Basic.
- (vi) Write the syntax of While ---Wend loop.
- (vii) What is default property of command button?
- (viii) Describe the purpose of break statement.
- (ix) What is sentinel value?

SECTION – II

(MS ACCESS)

Note : Attempt any ONE question.

5. Define database model. Describe different types of database models. 8
6. Discuss any four data types which are used in MS Access. 8

SECTION – III

Note : Attempt any TWO descriptive answers (either from “ C-Language” or from “ Visual Basic”) of the following questions.

(C – Language)

7. What necessary steps are taken to prepare a C-program for execution? Discuss briefly. 2,2,2,2
8. Write a program in C-language that inputs three numbers and display maximum number. 8
9. Write a program that inputs a number from user and displays table of that number. 8

OR

(Visual Basic)

7. What is IDE? Explain any three components of Visual Basic IDE. 2,2,2,2
8. Write a program in Visual Basic that inputs three numbers and display maximum number. 8
9. Write a program in VB that inputs a number from user and displays table of that number. 8

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