

SECTION – I

(MS-ACCESS)

2. Write short answers to any SIX (6) questions : 12

- (i) What is entity? Give an example.
- (ii) Write the responsibilities of data administrator.
- (iii) Explain implementation
- (iv) List any four components of physical database design.
- (v) Define referential integrity.
- (vi) How partial dependency is differ from transitive dependency?
- (vii) Define any two layouts of form.
- (viii) What is check boxes and radio buttons?
- (ix) Describe any two bars of MS Access Application Window.

C-Language

3. Write short answers to any SIX (6) questions : 12

- (i) Define statement terminator.
- (ii) Differentiate between source code and object code.
- (iii) Write the following statements as single statement.

```
int x = 5;  
int y = 10;  
int z = 15;
```
- (iv) Find the errors in the following code segment.

```
int x, y, sum,  
z = x + y;  
printf ( " sum = %d ", z );
```
- (v) What are comments?
- (vi) Write the syntax of print function.
- (vii) Write two difference between constant and variable.
- (viii) Trace the errors in the following code segment.

```
void main ( );  
{  
printf (OK)  
}
```
- (ix) Predict the output of the following code segment.

```
int n, a , b;  
n = 400;  
a = n% 100;  
b = n / 10;  
n = n% 10;  
printf ( " Result = %d %d %d ", n, b , a );
```

OR

(Visual Basic)

3. Write short answers to any SIX (6) questions : 12

- (i) Why would a programmer prefer to use high level language?
- (ii) Find the error in the syntax

```
private Sub Object Name- Dblclick ( )  
Statements:  
endsub;  
end
```
- (iii) What is the purpose of language processor?
- (iv) Write the use of option explicit statement in VB.
- (v) What is concatenation and when it would be used?
- (vi) How can the user continue a very long basic statement to another line?
- (vii) What is properties of Window?
- (viii) Write three steps for creating VB projects.
- (ix) Why Visual Basic is called even-driven language?

C-Language

4. Write short answers to any SIX (6) questions : 12

- (i) Define compound statement.
- (ii) Define while loop.
- (iii) Predict the output.

```
int a = 1 , b = 5 ;  
if ( ( a + b ) < 6 )  
printf ( " %d ", b );  
printf ( " %d ", a + b );
```
- (iv) Predict the output.

```
int a;  
for ( a = 1; a <= 10; a ++ )  
printf ( " %d ", a );
```

(Turn Over)

4. (v) Convert the given program in do-while loop.

```
int i;
for ( i = 3; i <= 39; i += 6 );
printf ( " % d \ n ", i );
```

- (vi) What is function?
 (vii) Define local variable.
 (viii) Differentiate between Built-in functions and user define functions.
 (ix) What is text stream?

OR

(Visual Basic)

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

12

- (i) Define selection structure
 (ii) What is Select --- Case statement?
 (iii) Write the syntax of IF---Then---Else statement.
 (iv) Find the output of given code.

```
a= 6
b = 7
if ( a > b ) then print a
print b
print ( a + b )
End
```


 (v) What is post test loop?
 (vi) Re-write the given statement in while---wend.

```
for i = 1 to 10
print i
Next
```


 (vii) Enlist two types of sub-programs.
 (viii) What is standard code module?
 (ix) Differentiate between Exit Sub and Exit function.

SECTION – II

(MS ACCESS)

Note : Attempt any ONE question.

5. What is File? Explain File types from storage point of view. 8
 6. How would you define a table? Also write characteristics of tables. 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 is meant by programming language? Discuss different types of programming languages. 8
 8. Write a program that inputs three numbers and displays the maximum number by using if-else, if statement. 8
 9. What is for loop? Write down syntax and working of for loop with example. 8

OR

(Visual Basic)

7. What is meant by programming language? Discuss different types of programming languages. 8
 8. Write a program in VB that inputs three numbers and displays the maximum number by using nested if statement. 8
 9. What is for next loop? Write down syntax and working of for next loop with example. 8