

SECTION – I

(MS-ACCESS)

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

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|---|---|
| (i) Who is user/end user? | (ii) Define secondary key. |
| (iii) Define the term feasibility study. | (iv) List ingredients of data modeling. |
| (v) What is Microsoft Access? | (vi) What is database wizard? |
| (vii) Define the term degree of relation. | (viii) List three methods for creating table. |
| (ix) Write any two uses of reports. | |

C-Language

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

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| (i) Describe linker and loader. | (ii) What is structured programming language? |
| (iii) Write the purpose of compiler. | (iv) Define identifier. |
| (v) What do you mean by keyword? | (vi) Differentiate between declaring and defining a variable. |
| (vii) Find the error in the following code segment : | (viii) What is the output of the following code : |

<pre>int a, b; a = - 10; if (a < 0); b = a * a; printf (" Result = % f " , b)</pre>	<pre>int a, b, c; a = 10; b = 3; if (a % b == 1) c = 0; else c = 1; printf (" %d " , c);</pre>
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- (ix) Predict the output of the following code :

```
int price = 10;
if ( price != 10 )
price = 0
else
price += 2;
```

C-Language

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

12

- What is the use of " getch " function?
- Why is the ampersand character (&) used in scanf function?
- Write the general form of printf function.
- Define nested loop.
- Convert the following code into while loop.

```
for ( int count = 1; count <= 2; count ++ )
printf ( " count " );
```
- Why is sentinel value used in loops?
- How many (maximum) values can a function return using return statement?
- What type of variables are declared outside any function?
- How is a file opened?

SECTION – II

(MS ACCESS)

Note : Attempt any ONE question.

5. Write notes on any four of the following file types :

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|--------------------|------------------------|-----------------------|
| (i) Master file. | (ii) Transaction file. | (iii) Backup file. |
| (iv) Program file. | (v) Data file. | (vi) Sequential file. |

6. Define functional dependency? How partial dependencies effect a relation?

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SECTION – III

Note : Attempt any TWO descriptive answers from " C-Language" of the following questions.

(C – Language)

- Define an error. Describe the types of errors in C programming language. 8
- Define " if-else-if " statement. Explain its working with syntax, flowchart and example. 8
- Write a program to print odd numbers from 1 to 10 using while loop. 8