



Note : Four possible choices A, B, C, D to each question are given. Which choice is correct, fill that circle in front of that question number. Use Marker or Pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

## MS - ACCESS

Q.N.1 A Collection of Related Fields is called :

(1) (A) Characters (B) Records (C) Database (D) File

(2) A Primary Key consists of more than one attribute, is called :

(A) Foreign Key (B) Composite Key (C) Multivalued Key (D) Global Key

(3) In an ER Diagram, a Rectangle represents :

(A) Entity (B) Attribute (C) Relationship (D) Fields

(4) Which form of Dependency is removed in 2nd Normal Form :

(A) Functional (B) Transitive (C) Associative (D) Partial

(5) Which object is used to store Data in Database :

(A) Table (B) Macro (C) Form (D) Report

(6) How many table view are available in Microsoft Access :

(A) 4 (B) 1 (C) 2 (D) 3

## C - Language

(7) The Statement written by the programmer is called :

(A) Source Code (B) Object Code (C) Syntax (D) Keyword

(8) A program's syntax errors are detected by :

(A) Compiler (B) Debugger (C) Loader (D) Linker

(9) The Modulus Operator is used for :

(A) Exponent (B) Multiply (C) Division (D) Remainder

(10) Another name for Keyword is :

(A) Reserved Word (B) Special Word (C) Comments (D) Identifier

(11) Format Specifiers starts with symbol : (A) ? (B) % (C) & (D) \*

(12) The number of Columns used to display a value on the screen is called :

(A) Format Specifier (B) Field Width Specifier (C) Field Format (D) Space Width

(13) Another name for Conditional Operator is :

(A) Ternary Operator (B) Binary Operator (C) Byte (D) Iteration

(14) One Execution of Loop is called : (A) Series (B) Duration (C) Iteration (D) Life Cycle

(15) Global Variables are created in : (A) RAM (B) ROM (C) Hard Disk (D) Cache



Roll No.

Computer Science (Subjective)

1313- 22000

Inter (Part - II)

Session (2017 - 2019) to (2020 - 2022)

Note:

- Q.No.2** (i) Enlist properties of Relation. (ii) Differentiate between Primary Key and Candidate Key.  
 (iii) Define Relationship with example. (iv) What is meant by Entity Relationship Diagram (ERD)?  
 (v) Define Parameter Queries. (vi) Enlist MS - ACCESS Database major objects.  
 (vii) What do you know about Microsoft Access? (viii) How will you designate the Primary Key Field?  
 (ix) What is the difference between Columnar Form and Tabular Form?

### C - Language

- Q.No.3** (i) How Executable File (.exe) is created? (ii) What is Data Type?  
 (iii) Write about unstructured programming languages. (iv) What is the purpose of Modulus Operator?  
 (v) Why # include directive is used in C - Language?  
 (vi) How many bytes are occupied by Long and Double Data Types?

- (vii) Find Errors in the following code :

```
int p = 5 q = 15 ;
if ( p > q ) ;
print f ( " q is larger " )
```

- (viii) Find output of following code :

```
int K = 8 ;
int m = 7 ;
int z = K < m ? K ++ : m ++ ;
print f ( " % d " , z ) ;
```

- (ix) Trace output of following code :

```
int p, q, r ;
p = 10 ; q = 3 ;
if ( p % q == 3 )
r = 0 ;
else
r = 1 ;
print f ( " % d " , r ) ;
```

- Q.No.4** (i) What is the use of getch function? (ii) Write down the name of four escape sequences.  
 (iii) Define Local Variable. (iv) Why is the Ampersand (&) used in Scanf Function?  
 (v) What is a Function Call? (vi) Define EOF Marker.  
 (vii) Determine output of following code : (viii) Trace out Errors from following code :

```
int i ;
i = 10 ;
while ( i >= 10 ) {
print f ( " % d " , i ) ;
i ++ ;
}
```

```
int count ;
count = 0 ;
while ( i <= 10 ) ;
print f ( " % d " i )
```

- (ix) Determine output of following code :

```
for ( i = 1 ; i <= 15 ; i ++ )
if ( i % 2 == 0 )
print f ( " % d " , i ) ;
```

### Section - II (MS - ACCESS)

**Note : Attempt any one of the following questions.**

- Q.No.5** What is File? Describe how do we organize files on Storage Media? (8)  
**Q.No.6** What is Normalization? Explain Second Normal Form (2NF) with example. (8)

### Section - III

**Note : Attempt any two questions. { C - Language }**

- Q.No.7** What is Program? Explain three types of Programming Errors. (8)  
**Q.No.8** Define Control Structure. Briefly describe the basic control structures for writing program. (8)  
**Q.No.9** Write a program to print Odd Numbers from 1 to 20 using loop. (8)