

# COMPUTER PAPER-10<sup>th</sup> –Full Book

Time: 10 Min.

PAPER OBJECTIVE

Marks: 10

- i. We include the header file in the beginning of a program by writing:  
A) Add                                      B) Include                                      C) Includes                                      D) All
- ii. The types of loops are:  
A) 2                                              B) 3                                              C) 4                                              D) 5
- iii. Which of the following are arithmetic operators?  
A) +                                              B) \*                                              C) %                                              D) All
- iv. \_\_\_\_\_ Statement tells us the order in which statements are executing.  
A) Loop                                              B) Control                                              C) Conditional                                              D) All
- v. \_\_\_\_\_ is a set of statements by which a function completes a task.  
A) Function signature                                              B) Return type                                              C) Body of function                                              D) Parameter
- vi. \_\_\_\_\_ is/are example(s) of built-in functions.  
A) Printf()                                              B) Scanf()                                              C) Getch()                                              D) All
- vii. Which condition tells us "a" is a factor of "c"?  
A)  $A \% c == 0$                                               B)  $C \% a == 0$                                               C)  $A * c == 0$                                               D)  $A + c = 0$
- viii. Types of operators with respect to the use of operands:  
A) Unary                                              B) Binary                                              C) Ternary                                              D) All
- ix. Elements of an array are saved in memory places as:  
A) Affiliated                                              B) Scattered                                              C) Divided                                              D) None
- x. The C language uses a:  
A) Compiler                                              B) Assembler                                              C) Interpreter                                              D) All

# **COMPUTER PAPER-10<sup>th</sup> –Full Book**

**Time: 70 Min.**

**PAPER SUBJECTIVE**

**Marks: 40**

## **SECTION I**

**Note: While writing answer write Question No. carefully.**

Attempt all questions.

**Answer any FOUR questions from each section (8 marks per section).**

**Q. No. 2**

1. Write the types of control structures.
2. Why is the "signed int" data type used?
3. How can we come out of a loop?
4. Write a program that displays the right-hand side digit of an input number.
5. Define affiliated code.
6. Why do we use the printf() function?

**Q. No. 3**

1. Write the advantages of functions.
2. Draw the truth table of the Logical OR (||) operator.
3. Write the structure of a nested FOR loop.
4. When does the body of a loop execute?
5. Describe the use of the char data type.
6. How can we affiliate more than one statement in one if statement?

**Q. No. 4**

1. Explain the following function signature: float area (float);
2. What happens if we don't close statements in {} blocks after an if statement?
3. What happens if we don't initialize an array at the time of declaration?
4. What is meant by operator preference?
5. For what purpose is the return keyword used?
6. Write the types of character sets in C-language.

**Answer any TWO questions (16 marks total).**

**Q. No. 5** Why do we use comments in programming? Explain their types in detail.

**Q. No. 6** Write a program to take input a number and check the given number is positive, negative and zero by Using if else if statement.

**Q. No. 4** What is Operator? Explain types of operators.