

CHRIST THE KING MATRICULATION HR. SEC. SCHOOL, KUMBAKONAM – 612 001.

STD: XI

MARKS: 50

SUB: COMPUTER SCIENCE

TIME: 1.30 MINS

OCTOBER MONTHLY TEST

PART – I

I. CHOOSE THE CORRECT ANSWER:

10*1=10

- The set of statements that are executed again and again in iteration is called as
 - Condition
 - Loop
 - Statement
 - Body of loop
- A loop that contains another loop inside its body
 - Nested loop
 - Inner loop
 - Inline loop
 - Nesting of loop
- Which of the following function is with a return value and without any argument?
 - x=display(int, int)
 - x=display()
 - y=display(float)
 - display(int)
- Which is return data type of the function prototype of add(int, int);?
 - int
 - float
 - char
 - double
- Array subscript always starts with which number?
 - 1
 - 0
 - 2
 - 3
- By default, the string ends with which character?
 - \0
 - \t
 - \n
 - \b
- The paradigm which aims more at procedures is _____ programming.
 - Object Oriented
 - Procedural
 - Modular
 - Structured
- “Write once and use it multiple time” can be achieved by
 - Redundancy
 - Reusability
 - Modification
 - Composition
- The if-else ladder is a _____ decision making statement.
 - single – path
 - multi – path
 - tri – path
 - None of these
- The _____ statement is a control statement which is used to transfer the control from one place to another place without any condition in a program.
 - goto
 - break
 - continue
 - pass

PART – II

II. ANSWER ANY 5 QUESTIONS: (Q.No.13 Compulsory)

5*2=10

- What is Infinite Loop? Give an Example?
- What is If – else Statement? Give an Example?
- Write a for loop that displays the number from 21 to 30
- What are the different types of Function?
- What is meant by Parameter? What are the types of Parameters?
- Write down the Syntax for declaring one – dimensional Array?
- Define Two – Dimensional Array with Example
- Differentiate Classes and its Objects?

PART – III

III. ANSWER ANY 5 QUESTIONS: (Q.No.21 Compulsory)

5*3=15

- What are the kinds of statements are there in C++?
- What are the Key differences between switch vs if – else?
- Write a note on Default Arguments?
- Define the following character type functions: a) isalnum() b) isalpha() c) isdigit()
- Write about strcmp() function.
- What are Row Major Order and Column Major Order?
- How to access members of a structure? Give example?
- List some important features of Modular Programming?

PART – IV

IV. ANSWER THE FOLLOWING QUESTIONS:

3*5=15

- a) Explain While Loop with Syntax, Flowchart and an example?

[OR]

- Explain Switch Statement with Syntax, Flowchart and an example?

- a) Define Scope? Explain the various types of scopes in C++ language?

[OR]

- Describe the Inline Function with Syntax, Advantages and program?

- a) Write a note on the Basic Concept that supports OOPS?

[OR]

- Write a C++ program to find the difference between two matrices?

// ALL THE BEST