

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

STD: XII

MARKS: 50

SUB: COMPUTER SCIENCE

TIME: 1.30 MINS

AUGUST MONTHLY TEST

PART – I

I. CHOOSE THE CORRECT ANSWER:

10*1=10

- Which statement is generally used as a placeholder?
a) Continue b) Break c) pass d) goto
- In which arguments the correct positional order is passed to a function?
a) Required b) Keyword c) Default d) Variable-length
- Which of the following is the output of the following python code?
str1="TamilNadu"
print(str1[::-1])
a) Tamilnadu b) Tmlau c) udanlimaT d) udaNlimaT
- What will be the result of the following Python code?
S=[x**2 for x in range(5)]
print(S)
a) [0,1,2,4,5] b) [0,1,4,9,16] c) [0,1,4,9,16,25] d) [1,4,9,16,25]
- The keys in Python, dictionary is specified by
a) = b) ; c)+ d) :
- To use escape sequence in print() which parameter is used?
a) esp b) end c) sep d) seq
str1="Welcome"
print(str1[2:])
- The output printed as
a) l b) come c) we d) Error
- A variable declared inside the function's body is known as _____ variable.
a) Global b) Local c) both a and b d) Enclosed
- The _____ operator is used to symmetric difference set operation in python.
a) & b) | c) ^ d) -
- _____function deletes and returns the last element of a list if the index is not given.
a) remove() b) pop() c) clear() d) del

PART – II

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

5*2=10

- Write the Syntax with example for If – Else?
- Write a Python program to calculate the sum of numbers 1 to 100?
- What is the use of Lambda or Anonymous Function?
- Define ceil() and floor() function with syntax and example
- Define Membership Operators
- How will you delete a string in Python?
- Define the following list functions: a) copy() b) count()
- How to Create Tuples using tuple() function?

PART – III

III. ANSWER ANY 5 QUESTIONS: (Q.No.23 Compulsory)

5*3=15

- Write the alternate method for If – Else?
- Define Nested Loop Structure
- What are the things that need to be noted when defining Functions?
- Write a Python code to check whether a given year is leap year or not?
- Define the following Built – in String Functions: a) isalnum() b) isalpha() c) isdigit()
- What is String Formatting Operator? Give Syntax and Example?
- What is the difference between the List and Dictionary?
- Define the following list functions: a) index() b) reverse() c) sort()

PART – IV

IV. ANSWER THE FOLLOWING QUESTIONS:

3*5=15

- Explain the While Loop with Example?

[OR]

- Explain recursive function with an example.

- Explain about string operators in python with suitable example.

[OR]

- What the different ways to insert an element in a list. Explain with suitable example.

- Write a detail note on if..else..elif statement with suitable example.

[OR]

- Write a program to display Fibonacci series 0 1 1 2 3 4 5..... (upto n terms)

// ALL THE BEST