Worksheet 1-Chapter11/13
Focus points : Algorithms/Flowcharts/Pseudocode, Variables, Datatypes

Name:………………………………………………………………………………………….

Q.1 State a purpose of making an algorithm?

_____

_____

b) An algorithm can be expressed in three ways one of them is Structured English. State two other ways.

_____

Q.2 List three distinct stages in any problem solving

_____

Q.3 Explain the terms Variables and Constants?

_____

_____

_____

b) What do mean by Declaration of variables?

_____

_____

c) What do mean by initialising the variable? Also state the need for initialising a variable.

_____

_____

_____

d) List the various built-in data types

_____

ii) Create and declare the variable with their suitable data types for the following:

Student Name _____

Student Gender_____

Total marks secured by a student_____

Fee paid status _____

Fee Amount Paid _____

Date of Fee Payment _____

c) State which of the following are good, bad, valid and invalid variable names with reason:

Variable	Good/Bad/Valid/Invalid	Reason
Today		
Fun_2		
2Much		
Fee$		
CS Class		
2days attendance		
Grade of student		
Program-date		
venue@city		
thedayoftheissueofresults		

Q.4 Draw the symbols used in making a flow chart and give their purpose.

SELF EVALUATION CHECKLIST

Tick as appropriate

Topic	Clear	Not Clear	Remarks
Algorithm			
Structured English			
Pseudocode			
Flowchart			
Meaning and purpose of Variables			
Declaring variables			
Initializing Variables			
Meaning and purpose of Constant			
Declaring and initializing constants			
Datatypes			