

21<sup>st</sup> April 2020

## Computer Algorithms Course

Name of the course: Computer Planning

### Learning Objectives

#### Part One -

1. The learner is to define Algorithms.
  - a. Teaching Method – Definition sourced from *Wikipedia*, presented in slide form for self learning.
  - b. Teaching Materials – Self Learning Slides (SLS), internet connectivity on desktop or laptop computer.
  - c. Evaluation – Learner can write down the correct definition.
  - d. Lesson content –
    - i. A step-by-step method for solving a problem or doing a task.
      1. Computer dependant algorithms.
      2. Computer independent algorithms.

#### Part Two –

2. The learner is to demonstrate how to use flow charts.
  - a. Teaching Method – lecture notes handed to learner, presented in slide form for self learning.
  - b. Teaching Materials – SLS, internet connectivity on desktop or laptop computer.
  - c. Evaluation – Practical demonstration.
  - d. Lesson content –
    - i. Draw a flowchart showing how a computer sends an email message