**Unit 3 - Activity 8 - Unit Test Part 2**

**Name:**

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| **Knowledge/Under** | **Thinking** | **Communication** | **Application** |
| **/ 10** | **/ 15** | **/ 10** | **/ 20** |

**Knowledge/Understanding (10)**

Q1) Define, using examples where appropriate, the following computer terms: (2 marks each)

1. Algorithm
2. Computational complexity analysis
3. Recursive function
4. loop

**Thinking/Inquiry (15)**

Q2) Compute a program to compare linear search and binary search.

**Application (20)**

Q3) Create an algorithm and the program for Fibonacci numbers

**Communication (10)**

Q4) Write a program to make circle and then color it