**Unit 1 - Activity 12 - Unit Test Part 2**

**Name:**

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

**Knowledge/Understanding**  **(10 marks)**

Q1) Define the following terms with examples:

1) Algorithm:

2) Linear Search and Binary search:

3) Bubble sorting:

4) User Manual:

**Thinking/Inquiry** (15 marks)

Q2) Compute the program with an algorithm to print sum and product of an array.

**Communication** (10 marks)

Q3) Explain what is software testing and basis of software testing? List different types of testing for software project to ensure program correctness.

**Application** (20 marks)

Q4a) Create an Algorithm to translate numbers into word.

Q4b) Device the program to print 2D array in Matrix form.