# Homework 1 Hardware and software

# Define the following terms:

 (i) Hardware

 (ii) Software

 [2]

1. This software classification chart has been left incomplete.

**Software**

**[i]**

**Operating Systems**

**Utility Programs**

**General Purpose**

**[iv]**

**[ii]**

**[iii]**

**Translators**

Complete the chart by filling in the gaps:

(i)

(ii)

(iii)

(iv)

 [4]

3. Give an example of **one** utility in each of the following categories and describe its purpose.

(i) Security

(ii) File management

(iii) Disk management

 [6]

4. Describe, with at least two examples of each, the difference between general purpose and special purpose software.

 [2]

5. Describe **two** advantages and **one** disadvantage of

 (a) Bespoke software

 Advantages:

 Disadvantage:

 (b) Off-the-shelf software

 Advantages:

 Disadvantage:

 [6]

 [Total 20 Marks]