**2.1.1 Fundamentals of computer systems**

(a) define a computer system

A device that can input, process and output data.

(b) describe the importance of computer systems in the modern world

Computer are used everywhere in out day today lives, without them the world could not function.

(c ) explain the need for reliability in computer systems

In extreme cases Unreliability in computer could result in death, e.g. invalid altitude meter readings could result in the aeroplane crashing. A more common example of unreliability would be your phone displaying the wrong time, resulting in poor punctuality.

(d) explain the need for adherence to suitable professional standards in the development, use and maintenance of computer systems

Without standards there would be no compatibility across devices.

(e ) explain the importance of ethical, environmental and legal considerations when creating computer systems.