2002 Paper 10 Question 6

Computer Design

For each of the following, explain the difference between:

(*a*) analogue computer and digital computer;   [4 marks]

(*b*) data-flow and control-flow model of computation;   [4 marks]

(*c*) little endian and big endian;   [4 marks]

(*d*) latency and bandwidth of data transmission;   [4 marks]

(*e*) spatial locality and temporal locality of data.   [4 marks]