1996 Paper 6 Question 2

Computer Architecture

Give the circuit diagram and describe the operation of the following types of memory cell:

(*a*) bipolar memory cell (static)   [5 marks]

(*b*) MOS memory cell (static)   [5 marks]

Give the key characteristics of *each* of the following types of memory: DRAM, ROM, PROM, EPROM and EEPROM.   [2 marks each]