



4.7.3.6 Interrupts

1) Interrupts can be generated by devices connected to the processor during the Fetch-Execute cycle.

a) Describe what an interrupt is.

[1 mark]

b) Describe the role of interrupts.

[2 marks]

c) Explain why the volatile environment (the contents of registers) must be saved before an interrupt is serviced.

[2 marks]

2) Describe what happens in the CPU when it receives an interrupt.

[5 marks]

