



4.1.1 Von Neumann & Harvard

1 (a) A microwave has a CPU that is based on Von Neumann architecture .

(i) State **two** features of the Von Neumann architecture.

[2 marks]

(ii) Describe **one** feature, **not** part of the standard Von Neumann architecture, which contemporary CPUs may have in order to improve performance.

[2 marks]

2 Different computing devices in Arnold's home use different processor architectures.

(a) One processor architecture is the Harvard architecture.

(i) Describe the Harvard architecture.

[2 marks]

