

9 (a) Outline **two** benefits and **two** limitations of a virtual machine.

Benefit 1

Benefit 2

Limitation 1

Limitation 2

[4]

(b) Explain the roles of the host operating system and the guest operating system as used in a computer system running a virtual machine.

[3]

5 Describe the features of SISD and MIMD computer architectures.

SISD

MIMD

[4]

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10 Describe the features of the SIMD and MISD computer architectures.

SIMD

MISD

[4]