

Exam Questions

2.1 Systems Software

Operating Systems / Memory Management / System Interrupts / Scheduling /
Types of Operating System / BIOS / Device Drivers / Virtual Machines

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Total Marks

/7

- 1 Anika's computer runs a multi-tasking operating system. She has access to a printer and a broadband internet connection through a wireless connection. The operating system uses scheduling algorithms such as first come first served and round-robin.

Explain why the computer's operating system uses a first come first served algorithm when sending documents to the printer.

(2 marks)

- 2 **Explain why** the computer's operating system uses a round-robin algorithm for allocating processor time.

(3 marks)

- 3 **Describe** one other scheduling algorithm.

(2 marks)