0 1 An operating system is a type of software.

0 1 . 1 Shade **one** lozenge to indicate which category of software an **operating system** belongs to.

[1 mark]

| System software | ○ | | Application software | ○ | | Translation software | ○ |

0 1 . 2 State **one** resource that the operating system manages.

[1 mark]

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0 1 . 3 State **one** role of the operating system, other than resource management.

[1 mark]

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0 2   A computer system can be defined as hardware and software working together.

0 2 . 1   What is meant by the term hardware?

[1 mark]

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0 2 . 2   What is meant by the term software?

[1 mark]

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0 2 . 3   Explain the key difference between system software and application software.

[2 marks]

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0 2 . 4   Some of the following types of software are examples of system software.

Shade in **two** lozenges to indicate which types of software are system software.

[2 marks]

| Compiler | ○ | Photo editor | ○ | Spreadsheet | ○ |
| Computer game | ○ | Operating system | ○ | Word processor | ○ |

0 3 . 1   Define the term 'software'.

[1 mark]

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0 3 . 2 Translators are one type of system software.

Give **two** other types of system software.

[2 marks]

Type 1 _____

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Type 2 _____

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0 4 . 1   Libraries are a type of system software.

Describe what libraries are **and** why programmers use them.

[2 marks]

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0 5 . 1   One physical resource that the operating system manages is the processor.

Name another physical resource that the operating system is responsible for managing.

[1 mark]

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0 6 . 1 Shade **one** lozenge to indicate which of the following is an example of system software.

[1 mark]

A	Computer game	⬭
B	Image editor	⬭
C	Programming language translator	⬭
D	Video conferencing software	⬭
E	Word processor	⬭

0 6 . 2 An operating system manages hardware resources, for example the I/O devices associated with a computer system.

State **two** other examples of hardware resources that an operating system is responsible for managing.

[2 marks]