

Question

1) One function of an operating system is to manage input and output devices.

a) State **three** other functions of an operating system. [2]

b) Describe the purpose of the operating system. [2]

c) Explain how the operating system manages input and output devices. [4]

2) Usernames and passwords can be used to control access to a system.

a) State the purpose of a username. [1]

b) State the purpose of a password. [1]

c) Give **two** other methods of controlling access to a system. [2]

d) Give **two** different file permissions. [2]

3) a) Describe the features of a graphical user interface. [4]

b) Give **one** reason a user might use a command line interface. [1]

c) Give **one** disadvantage of a command line interface. [1]

4) a) Explain why the operating system needs to manage memory. [2]

b) State the purpose of a device driver. [1]