1. Network devices are used in computer systems.

Complete each sentence by identifying the most appropriate network device.

1. The network device that is used to transmit the data along an analogue telephone line is a

………………………………………………………………………………………………………………………………………………[1]

1. The network device that connects a LAN to a WAN is a

………………………………………………………………………………………………………………………………………………[1]

1. The network device that allows data to be directed to a specific computer on a LAN is a

………………………………………………………………………………………………………………………………………………[1]

1. The internal network device that allows a computer to connect to a LAN is a

………………………………………………………………………………………………………………………………………………[1]

1. a) The computer technician at Tawara school is planning to set up ten new computers to be placed in the staffroom to form a network. The teachers have asked the head teacher if they can access the internet. The computer technician will need to attach a router to the network.

Describe the details of computer addresses that are stored by a router.

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1. The headteacher of a school has decided to allow all data about the students to be backed up onto

the cloud

(a) Explain the ICT term cloud.

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(b) Even though the cloud appears to be an excellent resource, it has many problems.

Discuss the benefits and drawbacks of storing data in the cloud.

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1. Tawara school uses both the internet and an intranet.

Describe four disadvantages to students of using the internet compared with an intranet.

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1. Bluetooth is an alternative method of allowing computers to communicate with other computers and devices. Describe how a tablet computer can connect to a printer using Bluetooth.

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1. Compare and contrast the features of a switch and a hub.

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