

Storage devices and media – 2022 ICT IGCSE 0417

1. March/2022/Paper_12/No.3

Network devices are used in computer systems.

Complete each sentence by identifying the most appropriate network device.

- (a) The network device that is used to transmit the data along an analogue telephone line is a [1]
- (b) The network device that connects a LAN to a WAN is a [1]
- (c) The network device that allows data to be directed to a specific computer on a LAN is a [1]
- (d) The internal network device that allows a computer to connect to a LAN is a [1]

2. June/2022/Paper_11/No.4

Many laptop computers use the cloud to store data. A technician has produced a report on his laptop computer but has stored the report on a memory stick rather than storing it on the cloud.

Describe **two** advantages of using a memory stick rather than the cloud to store data.

- 1
- 2

[2]

3. June/2022/Paper_12/No.6

Laptop computers use Solid State Drives (SSD) rather than Hard Disc Drives (HDD).

Describe **two** disadvantages of using an SSD rather than an HDD in a laptop computer.

1

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2

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[2]

4. June/2022/Paper_12/No.5

A library is considering the way it issues books. The librarians are planning to use RFID rather than bar codes.

Describe the **advantages** of using RFID rather than bar codes.

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[4]

5. June/2022/Paper_13/No.1

Circle **two** storage devices.

- | | | | |
|--------------|----------------|---------------|-------------|
| Bridge | Digital camera | DVD RAM Drive | Linker |
| Memory stick | Mouse | Printer | Spreadsheet |

[2]

6. June/2022/Paper_13/No.4

Computers can store data in the cloud rather than using storage devices in the computer.

(a) Describe **three** benefits of storing data in the cloud.

- 1
- 2
- 3

[3]

(b) Describe **three** drawbacks of storing data in the cloud.

- 1
- 2
- 3

[3]

7. Nov/2022/Paper_11/No.12

Many students prefer to store data on external storage devices like pen drives or portable hard disk drives.

Describe **four** advantages of using a pen drive rather than a portable hard disk drive.

1

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2

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3

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4

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[4]

8. Nov/2022/Paper_13/No.10

(a) For each of the following types of backing storage give **one** example of its associated media. Your answers must be different in each case.

Optical

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Magnetic

.....

Solid state

.....

[3]

