

Name:

Date:

Chapter 3 questions:

- 1 Complete the following sentences using the most suitable storage device or medium listed below.

DVD R fixed hard disk drive memory stick

- (a) A student taking his coursework home to develop would use a

..... [1]

- (b) A company selling copies of games would use a

..... [1]

- (c) An office worker who never took her work home would store her work on a

..... [1]

- 2 Ring **two** storage devices.

CD ROM drive Memory stick Mouse
Speaker Temperature sensor Trackerball

[2]

- 3 Draw **five** lines on the diagram to match the storage device to its most appropriate use.

Storage Device	Use
Fixed hard disc	Making backups of a file server
Flash memory card	Transferring a file from one computer to another
Magnetic tape	Storing software sold by a company
Pen drive	Storing data which needs to be accessed quickly
DVD ROM	Storing photographs in a digital camera

[5]

4 Complete each sentence below using one item from the list.

bar code reader

chip

DVD RW

keyboard

laser printer

magnetic tape

- (a) The **most suitable** storage medium for making backups of data held on a network server is a
- (b) The part of a bank card that stores data about the PIN is a
- (c) An optical disc which can have data updated is a
- (d) Details of a product are scanned at a POS using a

[4]

5 Ring **two** items which are used for data storage.

light pen

magnetic disc

motor

mouse

OCR

ROM

[2]

6 Tick **True** or **False** next to each of these statements.

	True	False
Computer programs are examples of software.		
A web authoring package is an example of hardware.		
An icon is a component of a command line interface.		
A mobile phone (cell phone) uses flash memory.		

[4]

7 Use the most appropriate phrase from the list below to complete each sentence.

- store data in real time applications
- store high definition films
- store backups of file servers
- store music for sale
- store photographs in a digital camera

- (i) A CD ROM is used to
- (ii) A blu-ray disc is used to
- (iii) A magnetic tape is used to
- (iv) A flash memory card is used to

[4]

8 Susan uses a memory stick to transfer her work from school to home. Give **three** reasons why memory sticks are often preferred to CDs for storing work.

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[3]

9 Describe **two** uses of optical media and for each one give a reason why optical media are preferred to magnetic tapes for that use.

Use 1

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Reason 1

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Use 2

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Reason 2

.....

[4]

10 Solid State Drives (SSDs) are rapidly taking over from HDDs.

(a) Give three advantages of using SDDs over HDDs.

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2

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3

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[3]

(b) Explain why SSDs are more suitable than HDDs for laptops.

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[3]

11 Instead of saving data on a local hard disk or other storage device, a user can save their data 'on the cloud'.

(a) Explain what is meant by Cloud Storage.

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[2]

(b) Name and describe the security risks associated with using Cloud Storage.

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..... [4]

(c) Name three advantages of using Cloud Storage.

1.....
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2.....
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3.....
..... [3]