

Storage Devices & Media Revision Questions

1. Joanna has a number of text files, music files, and video files stored on the hard disk drive of her computer. She wants to transfer these files onto removable storage media. She can use CDs, DVDs or floppy disks.

(a) Draw a line to link each medium to its storage capacity.

Medium	Storage capacity
CD	1.44 Mb
DVD	650 Mb
Floppy disk	4.7 Gb

[3]

(b) Give **two** reasons for transferring the files onto these removable storage media.

Reason 1

.....

Reason 2

.....

[2]

2. (a) Tick **one** box in each row to show which storage medium is most suitable for each of the tasks shown.

	CD-ROM (✓)	Hard disk (✓)	Magnetic tape (✓)
Selling computer games.			
Storing files on a network.			
Backing up files on a network.			

[3]

(b) Give **two** reasons why floppy disks are **not** often used for data storage.

Reason 1

Reason 2

[2]

3. (a) Tick (✓) **one** box in each row that best describes the storage media shown below.

	Has the fastest access time	Portable but has a small storage capacity	Portable with a large storage capacity	Suitable for recording very large video files
RAM				
CD-ROM				
Floppy disk				
120 GByte hard disk				

[4]

- (b) Tick (✓) **one** box in each row that best describes each hardware device shown below.

	Input device	Output device	Both
Bar-code reader			
Touch screen			
Motor			

[3]

Storage Devices & Media Revision Questions

4. At the end of each day, a company makes a backup of all its data. What is a backup?

.....
.....

[1]

5. Underline **two** storage devices.

CD writer

zip drive

printer

tracker ball

touch screen

joystick

[2]

6. A school buys a CD-ROM for Geography.

Tick whether these statements are TRUE or FALSE:

	TRUE	FALSE
The CD-ROM can have a virus on it.		
The data on the CD-ROM can be changed.		
The CD-ROM may contain a video.		

[3]

7. CD-ROM, floppy disk and hard disk drives are some of the storage devices used with computer systems.

State **two** other types of storage device.

Device 1

Device 2

[2]

8. Here are some descriptions of different types of storage media.

For each description, tick (✓) **one** box for the storage medium being described.

Description	RAM	Floppy Disk	CD-ROM
Data cannot be rewritten to it.			
It has the fastest access time.			
It is removable and has the smallest storage capacity.			
It loses its stored data when the power is switched off.			

[4]

9. Most games software is now sold on CD-ROM rather than floppy disks.

Give **three** reasons why.

1

.....

2

.....

3.

.....

[3]

Storage Devices & Media Revision Questions

10. An archive contains thousands of paper documents. These documents are going to be scanned for electronic storage. The documents could be stored on CD-Rs or a hard disk.

(a) Give **one** advantage of CD-Rs.

.....
.....

(b) Give **one** advantage of hard disks.

.....
.....

[2]

Storage Devices & Media Revision Questions

12. A school must ensure that the data it keeps on staff and pupils is not lost. The school has to decide on a suitable storage medium for taking and keeping backups.

Discuss the advantages and disadvantages of different media available that the school could use for its backups.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

[5]

13. Wordsworth Dental Practice needs a method of transferring files between computers that are not on the network.

Discuss the benefits and drawbacks of the following storage devices for this purpose:

- Flash memory/memory stick
- DVD
- CD

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....