



Name: \_\_\_\_\_  
Grade: 9 IG

**Topic: Chapter 3: Storage devices and media**  
**Worksheet no:** \_\_\_\_\_

5 Tick **True** or **False** for the following statements.

	<b>True</b>	<b>False</b>
A magnetic tape has faster data access than a DVD ROM.		
A CD is used to store a two hour high definition movie.		
A magnetic disc is used for online processing.		
Pen drives are used to copy data from one computer to another.		

[4]

5 Tick whether the following statements are **TRUE** or **FALSE**.

	<b>TRUE</b> ✓	<b>FALSE</b> ✓
Pen drives are used to make backups on large company file servers.		
Magnetic tapes use direct access when searching for records.		
Fixed hard discs have slower access times than optical discs.		
DVD RWs allow you to save new data to them.		
A CD has greater storage capacity than a DVD.		

[5]

2 Tick the **most** appropriate method of storing data for each of the following uses.

<b>Use</b>	<b>Memory card</b> ✓	<b>Magnetic Tape</b> ✓	<b>Blu-ray Disc</b> ✓
Storing photos in a camera			
Storing file server backups			
Storing high definition movies			
Storing large numbers of payroll records			

[4]

3 Tick **TRUE** or **FALSE** next to each of these statements.

	TRUE	FALSE
A magnetic stripe reader is an example of hardware		
A memory stick is an example of software		
A word processor is a form of operating system		
A CD has a greater storage capacity than a DVD		

[4]

6 Draw four lines on the diagram to match the use to its most appropriate storage medium.

Use	Storage medium
To store a high definition movie	Fixed hard disc
To store school work to take home	Blu-ray disc
To store server backups	Pen drive
To store an online database	Magnetic tape

[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]

6 Draw four lines to match each storage medium to the most appropriate use in this list.

Storage medium	Use
Fixed hard disc	To transfer files from one computer to another
DVD ROM	Batch processing applications
Pen drive	To store operating systems
Magnetic tape	Publishers distributing encyclopaedias

[4]

4 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]