



### Task 1:

For the devices listed below tick one box to show which type of storage it is:

Device	Magnetic	Optical	Solid State
Hard Disk Drive			
Solid State Drive			
Blu-ray			
DVD ROM			
SD Card			
USB Memory Stick			
CD ROM			
Tape Drive			

### Task 2:

Complete the table below using High, Medium or Low as appropriate for each storage medium. Some devices do not necessarily have a right or wrong!

	Capacity	Speed	Portability	Durability	Reliability	Cost
HDD						
SSD						
CD						
DVD						
Blu-Ray						
USB Flash Memory						

### Task 3: Calculating File Sizes

Estimate the following file sizes:

- a) A text file that contains 10000 characters. Give your answer in KB
  
- b) An image is 2030 x 1000 pixels in size. It has 65536 colours. Give your answer in GB.
  
- c) A sound file has 4 bytes per sample. It takes 100 samples per second, over 1 channel and is 2 minutes 30 seconds long. Give your answer in KB.