**SECONDARY STORAGE**

**Capacity: capacity is measured in GB’s and it how much it can store.**

**Access Speed: access speed is how fast the device can access data.**

**Portability: portability is how easy it is to move.**

**Durability: durability is how easy or hard it is to break.**

**Reliability: how reliable it is**

|  |  |  |  |
| --- | --- | --- | --- |
|  | MAGNETIC STORAGE DEVICES | | |
|  | Internal HD | Portable HD | Magnetic Tape |
| Cost | £20 - £100 | £10 - 90 | Hard to get hold off |
| Capacity | 200GB – 2T | 50GB – 1T | 1TB |
| Access Speed | 1.5 GB/s | 25–30 MB/s |  |
| Portability |  |  |  |
| Durability |  |  |  |
| Reliability |  |  |  |
| Typical Use |  |  |  |

INSERT SUITABLE PICTURES HERE

|  |  |  |  |
| --- | --- | --- | --- |
|  | OPTICAL STORAGE MEDIA | | |
|  | CD | DVD | BLU-RAY |
| Cost |  |  |  |
| Capacity |  |  |  |
| Access Speed |  |  |  |
| Portability |  |  |  |
| Durability |  |  |  |
| Reliability |  |  |  |
| Typical Use |  |  |  |

INSERT SUITABLE PICTURES HERE

|  |  |  |  |
| --- | --- | --- | --- |
|  | FLASH STORAGE DEVICES | | |
|  | Internal Solid State Drive | USB Memory Stick | Memory Card |
| Cost |  |  |  |
| Capacity |  |  |  |
| Access Speed |  |  |  |
| Portability |  |  |  |
| Durability |  |  |  |
| Reliability |  |  |  |
| Typical Use |  |  |  |

INSERT PICTURES HERE

**Which storage device and why?**

Barry needs his laptop computer to boot up fast so that he can access his files quickly while on the move. Which storage device and why?

Terry wants to expand the internal storage on his smartphone. Which storage and why?

Gerry is an amateur photographer and takes many high-res pictures that he needs to give to his clients once complete. Which storage device(s) and why?

Larry wants more storage for his PlayStation 3 so he can store more movies. Which storage device and why?