**A1 Digital devices, their functions and use**

Task 1: Provide an explanation of the type of digital device and give examples where possible.

|  |  |
| --- | --- |
| **Digital device** | **Provide explanation with example below:** |
| Multifunctional devices (MFD) |  |
| Personal computers (PC) |  |
| Mobile devices |  |
| Servers |  |
| Data capture and collection systems |  |
| Communication devices and systems |  |
| Entertainment systems |  |
| Digital cameras – still, video |  |
| Navigation systems |  |

Task 2: PC vs Laptop Comparison

State the differences between a laptop and desktop pc in the table below:

|  |  |
| --- | --- |
| **Desktop computer** | **Laptop** |
|  |  |

Task 3: Provide an explanation of how digital devices are used within each sector below:

|  |  |
| --- | --- |
| **Sector** | **Explanation of how IT is used within sector** |
| Education and training |  |
| Personal |  |
| Social |  |
| Retail |  |
| Organisational use |  |
| Creative tasks |  |

**A1 Assessment Recap**

1. Anna works for an advertising company. Her job is to design advertising material and source images to be used in advertisements posted on social media sites, websites and brochures. Sometimes while she is out shopping or having lunch in the park, she will see a scene that sparks her imagination.
   1. Explain two features of a smartphone which she will be able to use to quickly pass on her ideas to a member of her team back in the office. (2 marks)
   2. Anna sometimes has to drive to meet clients in their offices. Name and describe two features of a digital device which will help her to find her way to her destination. (3 marks)
2. Desktop and laptop computers are two common choices of device for home working.
   1. Explain one advantage of a laptop over a desktop computer for someone working at home. (2 Marks)
   2. Explain two advantages of a PC over laptop for someone working in an office. (4 Marks)
   3. Darren is a computer games player. He intends to buy a new computer. Describe three features or extra hardware devices that he should look for in the computer configuration that he purchases. (6 Marks)
3. A2B Couriers pick up and deliver parcels across the country.
   1. Identify a device that a delivery driver may use to digitally record and store a person’s signature when he delivers a parcel to them. (2 Marks)
   2. At the end of the day the recorded signatures of all the people he has delivered parcels to are downloaded to a computer storage device at Head office. Explain two reasons why the signature is saved on a storage device at head office. (2 Marks)