# Hardware questions, exam practice. 10 marks

1. Describe two features of a wireless router. (2 marks)
2. Name two output devices suitable and what their function is (4 marks)
3. Explain Infrared technology as an input such as a barcode scanner(4 marks)

Answers:

1. It converts internet signal into a wireless signal (1) which the computer and other devices in the network can communicate with (1)
2. Could be any output device from:  
   **Printers, Plotters, Braille terminal, Speakers and headphones, Screen/VDU** (2 marks for two)  
   Function:   
   **Printers**: produce hard copies of documents, data, information, iamages and photographs.   
   **Plotters:** Used in CAD for large drawings such as architectural design  
   **Speakers/Headphones:** Provide users with audio output. (1) Speakers convert the signals in the soundcard to soundwaves. (1)Headphones ensure privacy, (1)  
   **Braille terminal:** Specialist reader for visually impared (1). Displats text through individual cells (1)  
   **Screen/VDU:** Displays requested information from the computer (1) Allows user to check work visually (1)
3. Uses IR emitters (1) that send out infrared light which travels through the glass of the screen. On the other side a IR Reciver collects the IR light(1). If the screen is touched, oe light is scattered (1). Complex mathematical equations calculate the location of the touch (1)