Q1) what does a server do in a network?

A server stores, sends and receives data, it also serves something else and exists to provide services.

Q2) what piece of network hard ware is used to give a wireless connection

 Broadband router.

Q3) how do a router and modem work together in a network?

A router connects your devices to each other and in hard wired connection setups to the modem.

Modem is a modulator demodulator used to convert the analog signal into a digital one and vice versa.

Q4) explain why you would use a switch in a network instead of a hub?

Because a hub doesn’t mange the data and send it to all the computers meanwhile a switch manages the data and divides it into smaller packets and send the data to only the destination.