1.(a) A –switch Tick

B – computer with monitor and keyboard Client

1/2

(b) Explain two benefits of a star network:

If any one of the cables breaks towards a device, it only affects that one device, and the rest of them can still carry on working. Tick. Tick

It is easy to manage each device as each of them has an individual node going to it. Tick. Collision does not happen (1) thereby avoiding the need to retransmit packets

3 /4

Total: 4/6

*2.(a) State two legal obligations that a company must follow to protect their workers from health risks when working with computers.*

Free eyesight check for the workers 1

Have the workstation examined for risks and give the worker anything that he requires 1

*(b) Companies must abide by the Equalities Act. The act clearly states the protected characteristics against which it is illegal to discriminate.*

*Explain two ways in which it is illegal for employers to discriminate against people with protected characteristics.*

One way it is illegal to discriminate against people with a protected characteristic is if a manager fires a woman that is pregnant or stops paying her because she isn’t working. 2

Another way is if an employer refuses to hire someone based on their sexuality just because he doesn’t like that.1

3/4