

Q	Answer	Mark	Guidance
1	Eg. <ul style="list-style-type: none"> - record log on / log off times - remote access / view users' screens - audit printing - keylogging - monitor internet usage / downloads - monitoring emails / files sent / copied - inspect files in users' areas - updating software remotely - sharing peripherals such as printers - central management - single point for configuring firewalls 	5	
2	<ul style="list-style-type: none"> - IP addresses can be changed / are allocated as needed - MAC addresses can't be changed / every device has a fixed MC address 	2	
3	<ul style="list-style-type: none"> • IP(v4) addresses are 4 bytes long • MAC addresses are 6 bytes long 	2	
4	<ul style="list-style-type: none"> - Files cannot be centrally stored - Updating software cannot be managed centrally - Each computer would connect to the internet individually // firewalls &/or antivirus need to be individually configured. - Backups would not be able to be managed centrally 	2	
5	<ul style="list-style-type: none"> - Draws 4 computers directly connected to a SWITCH - Also includes a printer (connected to the switch) - The server is also directly connected to the switch 	3	
6	<ul style="list-style-type: none"> • URL sent to DNS // request sent to DNS for/with URL • DNS looks up/finds to IP in its database • DNS returns IP • IF not found, DNS sends to higher level DNS 	3	
7	<ul style="list-style-type: none"> - Routers are used to transfer data packets between networks 	1	
8	<ul style="list-style-type: none"> • Computers are <u>connected to each other</u> 	2	

	<ul style="list-style-type: none"> Restricted to a small geographical area / site / other suitable example 		
9	- Network Interface card	1	
10	HTTPS	1	
11	FTP	1	

