# Networks Exam Practice 10 marks

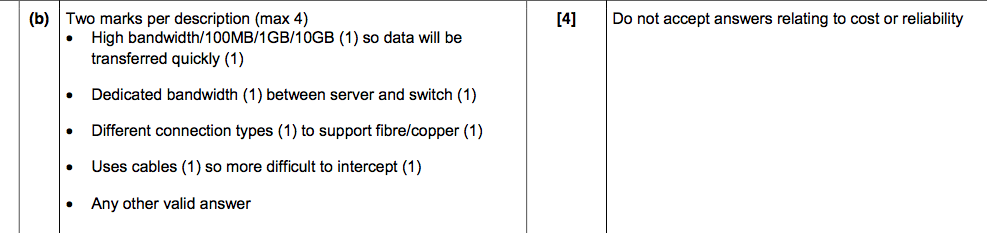
1. Explain an Advantage of the Bus topology over Star networks (2 marks)
2. Name a network which is least likely to be connected to the public switched telephone network (1 marks)  
     
   A) Mobile phone network  
   B) Nationwide telephone network  
   C) A secure telephone network in a military base  
   D) A telephone network allowing cooms withing a single building and beyound
3. Servers are connected using a wired ethernet LAN. Describe two characteristics of a wired Ethernet LAN (4 mark)  
     
   1.  
     
     
     
   2.
4. Explain two benefits and a disadvantage of RING networks over BUS networks (3 marks)  
     
   benefit 1:  
     
     
   benefit 2:  
     
     
     
   Disadvantage:

Answers:

1. *One mark for point, another for explanation:***Less set up costs (1)** because there is less cable running to each client from the server/router (1)

2. C (1 mark)

3. (4marks)



4. Benefits: Faster connection to server through router because of a direct connection (**1 mark**) and if there is a break in the system, not all clients are affected (**1 mark**)  
Disadvantage: Most costly to install due to more cable being used (1mark)