# Networks Exam Practice10 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)