

Fundamentals of Computer Networks – GCSE Computer Science Paper 2

1. No.13

1 3 . 1 Describe two differences between a PAN and a WAN.

[2 marks]

Difference 1 _____

Difference 2 _____

1 3 . 2 Shade two lozenges to show which statements are true about LANs.

[2 marks]

A LANs always use the Ethernet protocol.

☐

B LANs always use wireless technology.

☐

C LANs are usually controlled or owned by a single organisation.

☐

D LANs connect a maximum of 150 devices.

☐

E LANs cover one room, building or site.

☐

1 3 . 3 State two differences between a bus topology and a star topology.

[2 marks]

Difference 1 _____

Difference 2 _____

1 3 . 4 HTTP is an example of a network protocol.

Define the term **network protocol**.

[2 marks]

1 3 . 5 The application layer and the transport layer are two of the layers within the TCP/IP model.

What are the names of the other **two** layers of the TCP/IP model?

[2 marks]

1

2
