**01.1** Explain **two** differences between a LAN and a WAN

**[4 marks]**

Difference 1:………………………………………………………………………………………..

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**01.2** State two examples where a PAN might be used.

**[2 marks]**

1…………………………………………………………………………………………………..

2…………………………………………………………………………………………………..

**02.1** Explain the purpose of the Internet Protocol (IP)

**[2 marks]**

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**02.2** Explain the purpose of the SMTP and IMAP protocols.

**[2 marks]**

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**02.3** Place the HTTP, FTP and TCP protocols in their correct layer of the TCP/IP stack

**[3 marks]**

| Layer | Protocol(s) |
|---|---|
| Application layer | |
| Transport layer | |

**03** Many computer users make use of wireless networks, either as their main network or when they are using mobile devices.

Discuss the advantages and disadvantages of using wireless networks.

**[6 marks]**

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**04** Using free to access public wireless networks creates ethical, legal and data privacy issues.

Explain **three** issues that computer users and network providers should be aware of in this situation.

**[6 marks]**

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**Continue on spare paper…**