Name: Class: Mark:

1. Tick a column to show whether the following statements are true or false: [2]

|  |  |  |
| --- | --- | --- |
|  | **True** | **False** |
| Accessing a web page from a browser is an example of client-server computing |  |  |
| A user accessing their files that are stored on the hard disk in their computer is making use of a client server network |  |  |

2. The diagram below shows the computers for a small accountancy firm connected together in a local area network that gives access to the company’s email system.

 (a) Does the diagram show peer-to-peer network or a client-server network? [1]

 (b) What is the device **A** which connects to the Internet? [1]

**Computer**

**Computer**

**Computer**

**A**

**Email Server**

**Internet**

(c) Name **three** functions of the server in this network. [3]

(d) Give **three** advantages of linking computers in a small office in a peer-to-peer network. [3]

3. The accountancy firm uses a file hosting service in the Cloud to manage their
files and data.

 (a) Briefly describe what is meant by ‘The Cloud’ [2]

 (b) Give **two** advantages to using cloud-based services over local storage. [2]

 (c) Office staff notice that the network is running slowly compared to their home network connections.

 Explain **two** factors that can affect network performance. [4]

 (d) State **two** types of network transmission media. [2]

 [Total 20 marks]