Name: Class:

Task 1

An online security company has asked you to research some virtual private network (VPN) providers and provide them with information from your findings. They are particularly interested in the following providers:

* Perimeter 81 (VPN products)
* Windscribe
* NordVPN

(a) Write a brief summary of the services provided from the above companies.

(b) The online security company would also like to know the difference between a business VPN and a personal VPN. Give a summary of the two types of VPN for the company below.

**Personal**

**Business**

Task 2

Working from home has been shown to have a number of benefits.

Choose from one of the below activities:

**A:** Read the press release at: <https://www.cosocloud.com/uncategorized/connectsolutions-survey-shows-working-remotely-benefits-employers-and-employees>

Find out new facts or statistics about home working and write down as many of these as you can.

**B:** Alternative challenge: Read the academic paper titled “Does Working from Home Work? Evidence from a Chinese Experiment” available here: <https://www.gsb.stanford.edu/faculty-research/working-papers/does-working-home-work-evidence-chinese-experiment>

What were the findings of the study?

Task 3

The local Chamber of Commerce has asked you to produce a presentation which they can use to show their members. They would like to know how different remote desktop technologies can be used.

Create a presentation to explain the features of the following remote desktop technologies.

Join.me

Zoho Assist

AnyDesk

Parallels Access

TeamViewer

Task 4

Some systems are not easy for people to use. Other systems may have parts that are easy to use and other parts that are not.

Work in pairs for this activity.

(a) Choose two systems or apps that you use that have similar features. For example, you may choose to compare Apple Music with Spotify, Windows with Mac or Android with iOS. Write down the **two** products below.

(b) For the apps you have chosen, list **five** areas that make the software easy to use.

(c) For the apps you have chosen, list **five** ways that the software is hard to use and suggest how ways that it could be improved.

Task 5

When using online systems, it is important that a reliable Internet connection is used. A lack of connectivity will result in the online system becoming unavailable.

A local charity is about to start allowing their fundraising staff work from home. These staff work all day on a VoIP phone (Voice over Internet Protocol). They must also use online software to record their calls and process donations.

The charity is concerned by what will happen if an employee or volunteer loses their home Internet connection.

What are at least **five** ways that the charity can reduce the possibility of an Internet connection becoming a major problem?