Communication technologies

1. An ad hoc network is temporary networks created without a central router or access point. Open Wi-Fi and Tethering are both examples of an ad hoc network.
2. Describe **two** differences between tethering and open wi-fi.

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

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

**[2]**

1. An open network can create concerns over security.

State **two** security issues when using an open network.

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

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

**[2]**

1. An ad hoc network can lead to some issues with performance.

State **two** issues that can impact the performance of an ad hoc network.

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

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

**[2]**

1. Network availability varies depending on location, infrastructure, and coverage.

Discuss the impact network availability can have on individuals and wider society.

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**[6]**