0 1   Many organisations provide free public access to a wireless network.

Explain **three** ethical, legal or data privacy issues that an organisation should be aware of when allowing this access.

[6 marks]

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0 2 Explain **two** reasons why software companies usually do **not** make their source code publicly available. Source code is the code they wrote to create the software.

[4 marks]

0 3   A healthcare publication contains the following article.

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Explain **two** potential legal **and/or** ethical impacts of using implanted microchips in healthcare.

[4 marks]

0 4   An autonomous vehicle is controlled by a computer system, senses its environment and requires no input from a human driver.

Discuss the legal and ethical impacts that need to be considered when replacing manual, human-driven vehicles with autonomous vehicles.

[6 marks]

0 5   Wearable devices, such as smartwatches and fitness trackers, have become more popular in recent years. This has led to an increase in the amount of personal, health-related data being collected by technology companies.

Discuss the:
- benefits of collecting personal, health-related data using wearable devices
- data privacy issues related to the collection of personal, health-related data
- legal issues related to the collection of personal, health-related data.

[9 marks]

0 6 . 5 In recent years, there has been a large growth in the use of cloud storage.

Discuss the advantages and disadvantages of using cloud storage.

In your answer you should include an explanation of the reasons for the large growth in recent years and consider any legal, ethical and environmental issues related to the use of cloud storage. **[9 marks]**