

Cell structure – GCSE Combine Science Biology**1. No.4**

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Cells are the basic units of all forms of life.

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Describe **four** differences between a bacterial cell and a plant cell.**[4 marks]**

1 _____

2 _____

3 _____

4 _____

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Gonorrhoea is a bacterial disease.

A new vaccine is being developed against gonorrhoea.

Describe how a vaccine would work to prevent gonorrhoea.

[4 marks]

Another disease caused by bacteria is salmonella food poisoning.

In the UK, chickens are vaccinated against *Salmonella* bacteria to reduce the number of cases of food poisoning in humans.

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Explain how vaccinating chickens reduces the number of cases of salmonella food poisoning.

[2 marks]

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Give **one** way that the spread of salmonella food poisoning from one human to another is controlled.

Do **not** refer to vaccination in your answer.

[1 mark]

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The number of cases of salmonella food poisoning is usually higher in summer than in winter.

Suggest **one** reason why.

[1 mark]
