

AQA - Cell structure – GCSE Combine Science Biology

1. **May/2020/Paper_1H/No.4**

0 4

Cells are the basic units of all forms of life.

0 4 . 1

Describe **four** differences between a bacterial cell and a plant cell.

[4 marks]

1 _____

2 _____

3 _____

4 _____

0 4 . 2

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.

0 4 . 3

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

[2 marks]

0 4 . 4

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]

0 4 . 5

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

Suggest **one** reason why.

[1 mark]
