Practice Question Set For GCSE
Subject : Biology
Paper-1 Topic: B1 Cell Biology

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Name of the Student:_____
Max. Marks : 12 Marks **Time : 12 Minutes**

Q1.

Cells are the basic units of all forms of life.

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

1. _____

_____

2. _____

_____

3. _____

_____

4. _____

_____

(4)

(b) Gonorrhoea is a bacterial disease.

A new vaccine is being developed against gonorrhoea.

Describe how a vaccine would work to prevent gonorrhoea.

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(4)

Another disease caused by bacteria is salmonella food poisoning.

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

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

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(2)

(d) 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)

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

Suggest **one** reason why.

_____

_____

(1)

(Total 12 marks)

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