

GCSE Biology A (Gateway)

J247/02 B4-B6 and B7 Foundation (Foundation Tier)

Question Set 22

1 Animals and plants can get different types of diseases

(a) Look at the list of four diseases.

AIDS

Type 2 diabetes

Crown gall disease

Barley powdery mildew

Write each disease in the correct column of this table.

| Communicable disease | | | Non-communicable disease |
|-----------------------|--------------------|-------------------|--------------------------|
| Caused by a bacterium | Caused by a fungus | Caused by a virus | |
| | | | |

[3]

(b) Sinusitis is an infection that can be caused by bacteria or viruses.

Sinusitis causes a runny nose and bad headaches.

(i) Doctors only give antibiotics to patients with these symptoms if they are sure their illness is caused by bacteria.

Write down **two** reasons why.

1

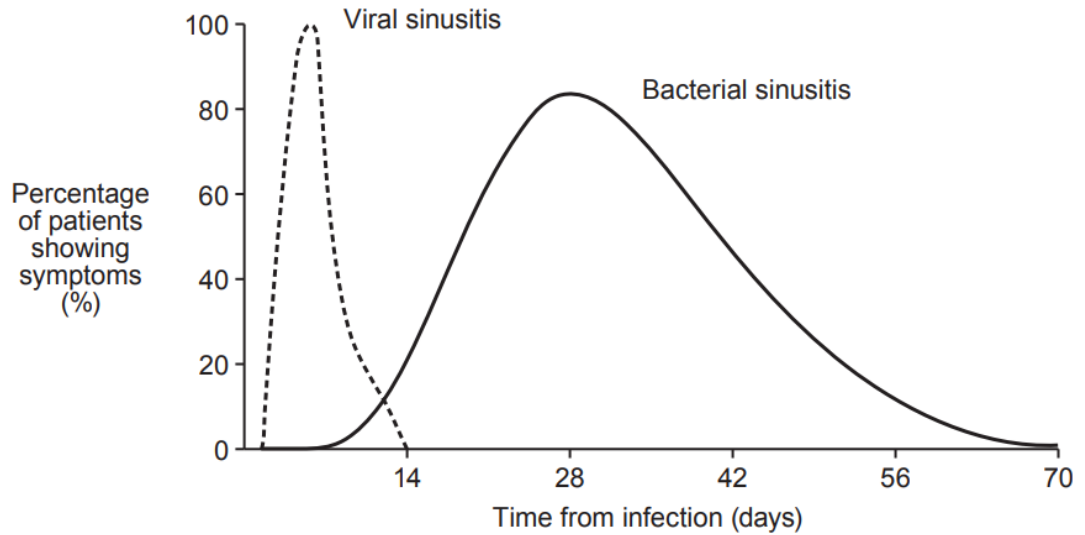
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2

.....

[2]

- (ii) Look at the graph. It shows the length of time that patients show symptoms of sinusitis



Doctors usually wait 14 days after infection before giving patients antibiotics for sinusitis.

Use the graph to explain why.

[2]

Total Marks for Question Set 22: 7

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