

## Healthy Living 2

3. Carlo and Rebecca travelled to Africa. They took all the necessary precautions to avoid infections and disease. It was the time when *Ebola* was spreading through some African countries. *Ebola* is an illness caused by a virus which can only be passed through blood and other body fluids.



Answer the following questions:

- a. Identify TWO other types of microbes which can cause disease.

\_\_\_\_\_ (2 marks)

- b. Identify TWO ways how the human body stops microbes from entering.

\_\_\_\_\_  
\_\_\_\_\_  
(2 marks)

- c. Underline the correct answer:

About half the people who get Ebola die but someone who recovers would be protected against the disease.

This is because their bodies make (antibiotics / antibodies / antiseptics) to fight off the disease. These people are now (immune / carriers / sensitive) to the disease.

(2 marks)

- d. Carlo and Rebecca came across a number of other diseases. Give TWO examples of other diseases and describe how they spread.

(i) Name of disease: \_\_\_\_\_

How it spreads: \_\_\_\_\_

(ii) Name of disease: \_\_\_\_\_

How it spreads: \_\_\_\_\_

(2 marks)

2. Philip had influenza. He played in the school ground with Clayton and Chloe. After some days, Clayton also had influenza but Chloe did not.



a) What type of microbe causes influenza?  
\_\_\_\_\_ (1 mark)

b) Why is it important that Philip washes his hands after sneezing?  
\_\_\_\_\_ (1 mark)

c) Complete the sentence:  
Chloe did not catch the influenza as Clayton did because \_\_\_\_\_  
\_\_\_\_\_ (2 marks)

d) Use some words in the box to fill in the spaces:

microscope	virus	yeast	bacteria	microbe
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- i) This is another word for micro-organism: \_\_\_\_\_ (1 mark)
- ii) We use this to make wine and bread: \_\_\_\_\_ (1 mark)
- iii) Sore throat and *Tuberculosis* (TB) are caused by: \_\_\_\_\_ (1 mark)

9. This question is about body defence.

a. Fill in the blanks:

- (i) A chemical in your tears kills \_\_\_\_\_.
- (ii) Your nose produces \_\_\_\_\_ which traps microbes.
- (iii) \_\_\_\_\_ blood cells destroy microbes.

3 marks

b. Answer the following questions:

- (i) Explain how the stomach helps to stop the body becoming infected by microbes.

\_\_\_\_\_ 2 marks

- (ii) Why do you think it is important for clots (scabs) to form over cuts quickly?

\_\_\_\_\_ 2 marks

**9. Some microbes cause diseases.**

a) The body can defend itself against disease in a variety of ways. Match up each method of defence to the correct description from those listed below.

<b>DEFENCE</b>	<b>DESCRIPTION</b>
Stomach acid	Seals wounds quickly to prevent entry of microbes
Skin	Stops most microbes from entering the body
Immune system	Chemical that kills most microbes
Clotting of blood	Made up of white blood cells that kills microbes

(4)

b) Name two infectious diseases and the microbe that causes each disease.

<b>Infectious disease</b>	<b>Microbe</b>

(4)

13)a) Name two infectious diseases and the microbe that causes each disease.

<b>infectious disease</b>	<b>microbe</b>
1.	
2.	

4 marks

b) Write two ways in which infections can be spread.

\_\_\_\_\_

\_\_\_\_\_

2 marks