AQA GCSE Biology | 8461

SPECIFICATION POINT 4.2.2.5

Health issues

Past-paper questions

Tier	**Foundation**
Question groups	**4**
Available paper years	**2008–2015**

Using this booklet

1. Answer the questions in order and show your working.
2. Original question numbers and marks are retained.
3. Print at actual size (100%) for measuring questions.
4. Use the companion answer booklet to check your work.

Name: _____ **Date:** _____

Whole questions are retained for context, so some parts assess other specification points. Current and legacy sources are labelled. Continue on extra paper if needed.

4.2.2.5 Health issues

Question 01

January 2008 | BLY1F | Original Q4 | Legacy

4 Health is affected by diet and exercise.

(a) List **A** gives the names of three conditions which affect the body.

List **B** gives information about these conditions.

Draw a straight line from each condition in List **A** to the information about it in List **B**.

List A – Condition	List B – Information
	Linked to lack of food
High blood cholesterol level	
	Linked to eating too much saturated fat
Arthritis	
	Linked to too much salt in the diet
Reduced resistance to infection	
	Linked to too much weight acting on the joints

(3 marks)

(b) Give **two** reasons why exercise is good for us.

1 .....

.....

2 .....

.....

(2 marks)

5

4.2.2.5 Health issues

Question 02

November 2009 | BLY1AP | Original Q3 | Legacy

QUESTION THREE

Infectious diseases make us feel ill.

Match words, **A**, **B**, **C** and **D**, with the numbers **1–4** in the table.

A antibody

B medicine

C pathogen

D toxin

	Description
1	drug used to relieve the symptoms of a disease
2	substance produced by white blood cells
3	harmful microorganism
4	poison which makes us feel ill

4.2.2.5 Health issues

Question 03

November 2010 | BLY1AP | Original Q1 | Legacy

QUESTION ONE

An unhealthy lifestyle may cause illness.

The table gives information about some conditions that affect the body.

Match conditions, **A**, **B**, **C** and **D**, with the statements **1–4** in the table.

A arthritis

B diabetes

C high blood pressure

D irregular periods

	Information
1	may be caused by the effect of too much weight on joints
2	may be caused by a diet that is high in sugars
3	may be caused by not enough food in the diet
4	may be caused by too much salt in the diet

4.2.2.5 Health issues

Question 04

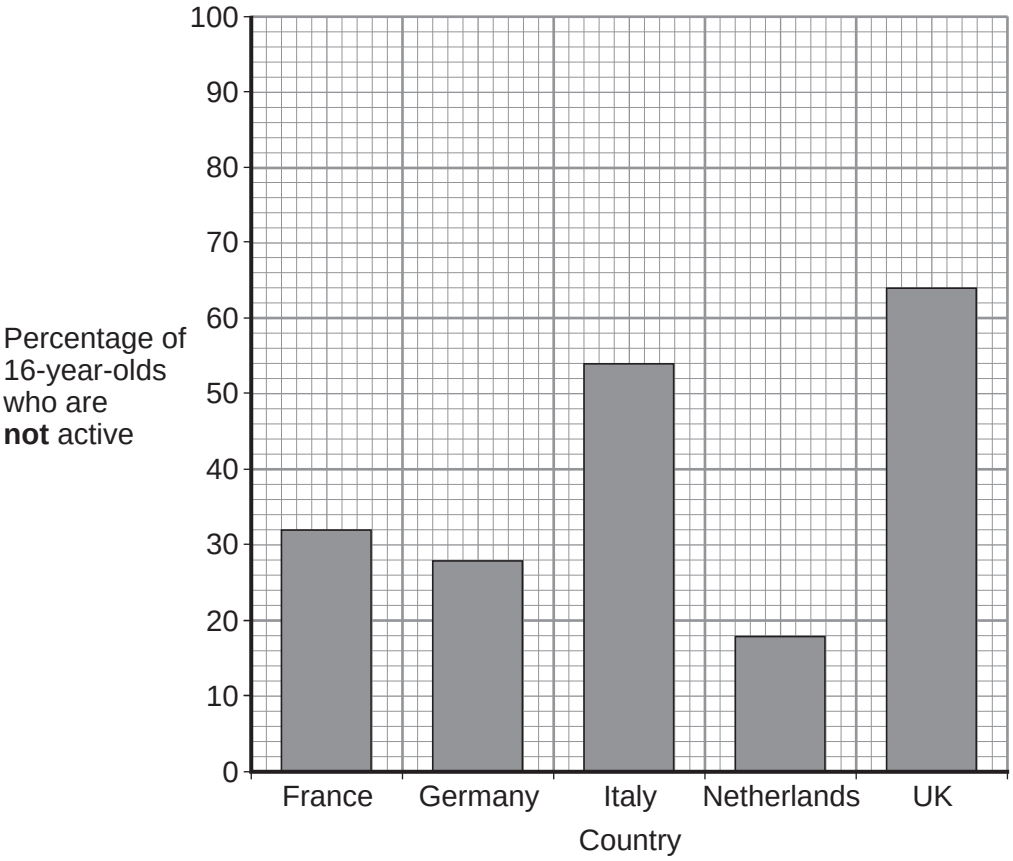
June 2015 | BL1FP | Original Q2 | Legacy

2 Scientists investigated the effect of different factors on health.

2 (a) People who are **not** active may have health problems.

Figure 3 shows the percentage of 16-year-olds in some countries who are **not** active.

Figure 3



2 (a) (i) What percentage of 16-year-olds in the UK are **not** active?

[1 mark]

..... %

2 (a) (ii) What percentage of 16-year-olds in the UK are **active**?

[1 mark]

..... %

4.2.2.5 Health issues

Question 04 · continued

2 (a) (iii) A newspaper headline states:

People in the UK are the laziest in the world.

Information in **Figure 3** does **not** support the newspaper headline.

Suggest **one** reason why the newspaper headline may be wrong.

[1 mark]

.....

.....

2 (b) Doctors gave a percentage rating to the health of 16-year-olds.
100% is perfect health.

Table 2 shows the amount of exercise 16-year-olds do and their health rating.

Table 2

Amount of exercise done in minutes every week	Health rating as %
Less than 30	72
90	76
180	82
300	92

What conclusion can be made about the effect of exercise on health?

Use information from **Table 2**.

[1 mark]

.....

.....

Question 2 continues on the next page

4.2.2.5 Health issues

Question 04 · continued

2 (c) Inherited factors can also affect health.

Give **one** health problem that may be affected by the genes someone inherits.

Draw a ring around the correct answer.

[1 mark]

being malnourished	**having a high cholesterol level**	**having a deficiency disease**

2 (d) White blood cells are part of the immune system.

Use the correct answer from the box to complete each sentence.

antibiotics	**antibodies**	**pathogens**	**vaccines**

2 (d) (i) When we are ill, white blood cells produce ..... to kill microorganisms.

[1 mark]

2 (d) (ii) Many strains of bacteria, including MRSA, have developed resistance to drugs called ..... .

[1 mark]

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