

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
3	
4	
5	
6	
7	
8	
TOTAL	



General Certificate of Secondary Education
June 2014

Health and Social Care

48203

Unit 3 The Nature of Health and Well-Being

Tuesday 24 June 2014 9.00 am to 10.15 am

You will need no other materials

Time allowed

- 1 hour 15 minutes

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 70.
- You are reminded of the need for good English and clear presentation in your answers. Quality of Written Communication will be assessed in question 8.



J U N 1 4 4 8 2 0 3 0 1

Answer **all** questions in the spaces provided.

1 Meisha says health and well-being is the absence of physical illness, disease and mental distress.

1 (a) What is Meisha's definition of health and well-being?

[1 mark]

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1 (b) Name **one** other definition of health and well-being.

[1 mark]

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1 (c) Explain how the definition you named in question **1 (b)** differs from Meisha's definition.

[3 marks]

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2 Rory is a 35-year-old male. He exercises regularly by running long distances.

2 (a) Give **three** likely physical benefits for Rory of exercising regularly by running long distances.

[3 marks]

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2 (b) Other than physical benefits, briefly describe **two** other benefits Rory may gain from regular exercise.

[4 marks]

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7

Turn over ▶



3

Adele is trying to explain how vaccinations work.

She says that “A vaccination will protect you from a lot of different diseases. You only need a vaccination before you go on a foreign holiday. The doctor gives you a strong dose of the disease and some medicine to stop you feeling ill. After this your body won’t let any of the diseases enter.”

Explain how Adele’s version of how vaccinations work is incorrect.

[4 marks]

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4 Nadir is an adult male who wants to measure his blood pressure using a digital blood pressure monitor.

4 (a) Describe how Nadir will use the digital blood pressure monitor.

[6 marks]

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4 (b) Explain how knowing his blood pressure readings may be useful for Nadir.

[4 marks]

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5 Haemophilia and Huntington’s disease are both inherited conditions.

5 (a) Outline the cause of haemophilia.

[2 marks]

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5 (b) Briefly explain the effects of haemophilia.

[2 marks]

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5 (c) Outline the cause of Huntington’s disease.

[2 marks]

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5 (d) Give **four** different effects of Huntington's disease.

[4 marks]

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Turn over for the next question

Turn over ▶



- 7
 - Will is a 15-year-old male.
 - He eats an unbalanced diet which is low in protein and iron.
 - Will has also started using illegal drugs.

7 (a) (i) Briefly explain the likely effects on Will if he continues to eat a diet which is low in protein.

[3 marks]

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7 (a) (ii) Briefly explain the likely effects on Will if he continues to eat a diet which is low in iron.

[3 marks]

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7 (b) Outline the risks to Will's health and well-being if he continues to use illegal drugs.

[4 marks]

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