

Surname	Centre Number	Candidate Number
Other Names		2



**GCE AS/A level**

1626/01

**HEALTH AND SOCIAL CARE**

**Unit 6: Understanding Common Illnesses, Diseases and Disorders**

P.M. FRIDAY, 17 January 2014

1 hour 30 minutes

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	25	
2.	25	
3.	25	
4.	25	
<b>Total</b>	<b>100</b>	

**INSTRUCTIONS FOR CANDIDATES**

Use black ink or black ball-point pen. Do not use pencil or gel pen. Do not use correction fluid.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Write your answers in the spaces provided in this booklet. If you run out of space, use the continuation page at the back of the booklet, taking care to number the question(s) correctly.

**INFORMATION FOR CANDIDATES**

Each question carries 25 marks.

The number of marks is given in brackets at the end of each question or part-question.

You are reminded of the need for good English and orderly, clear presentation in your answers. Assessment will take into account the quality of written communication used in your answers.

*Answer all questions in the spaces provided.*

1. Many of the tasks we do in our everyday living are aimed at controlling the spread of infectious disease.

(a) Define the term 'infectious disease'. [2]

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(b) (i) Identify **one** example of safe behaviour as a means of controlling the spread of infectious disease. [1]

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(ii) Explain how this behaviour helps to reduce the spread of infectious disease. [2]

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(c) (i) Identify **one** example of a personal hygiene practice as a means of controlling the spread of infectious disease. [1]

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(ii) Explain how this behaviour helps to reduce the spread of infectious disease. [2]

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(d) (i) Identify **two** ways in which water is managed to control the spread of infectious disease. [2]

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(ii) Give **two** reasons why effective water management is one of the best ways to improve the health of a population. [2]

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(e) Maintaining a clean environment is also an important aspect of controlling the spread of infectious disease.

(i) State **one** cleaning technique used to reduce the spread of infectious disease. [1]

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(ii) Explain how this technique works. [2]

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2. (a) Describe how coronary artery disease (CAD) affects:

(i) The structure of the arteries supplying the heart muscle. [2]

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(ii) The way in which the heart and its blood supply are able to carry out their normal functions. [3]

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(b) Identify **two** symptoms that may be experienced as a result of CAD. [2]

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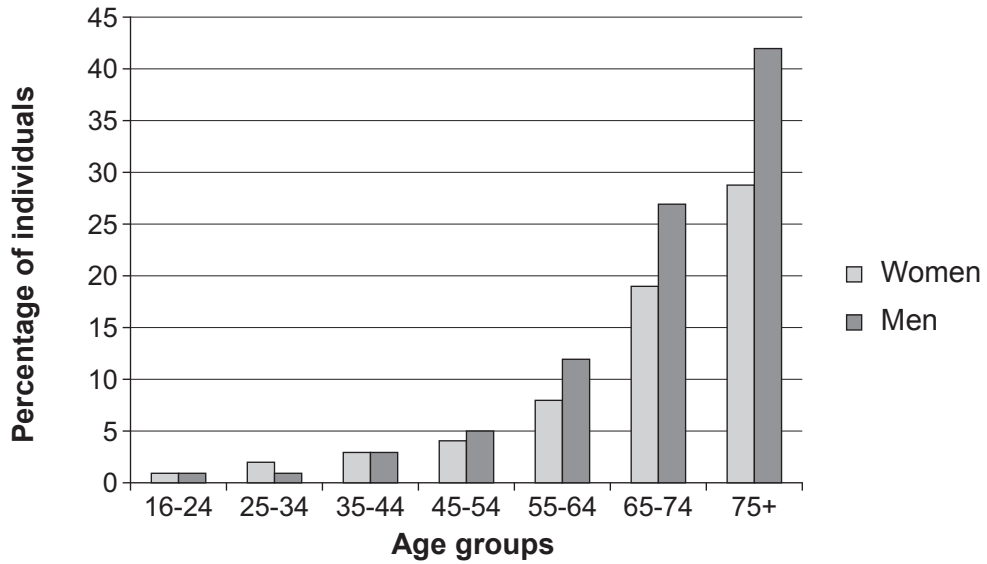
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- (c) The chart below shows the percentage of individuals in the UK being treated for heart conditions (excluding high blood pressure) by age and gender.



- (i) Analyse how the percentage of individuals being treated for heart conditions varies with age. [3]

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- (ii) Analyse how the percentage of individuals being treated for heart conditions varies between men and women. [3]

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3. Screening tests may be carried out at different life stages.

(a) Describe the purpose of a screening test. [2]

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(b) Complete the following table, naming the screening tests that are offered, explaining how they are carried out and the information that the tests provide:

	Test	How it is carried out	What information the test provides
Before birth	(i) ..... [1]	(ii) ..... ..... ..... ..... .....[2]	(iii) ..... ..... ..... ..... .....[2]
School children	(iv) ..... [1]	(v) ..... ..... ..... ..... .....[2]	(vi) ..... ..... ..... ..... .....[2]
Adult women (not including tests on or for the foetus during pregnancy)	(vii) ..... [1]	(viii) ..... ..... ..... ..... .....[1]	(ix) ..... ..... ..... ..... .....[1]





4. (a) (i) Name the causal organism for either influenza or AIDS. [2]

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(ii) Describe the way in which either influenza or AIDS is transmitted between individuals. [3]

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(b) Discuss the role of lifestyle decisions in improving an individual's chances of avoiding infectious and non-infectious diseases.

(i) Infectious [5]

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(ii) Non-infectious

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