

General Certificate of Education
June 2008
Advanced Subsidiary Examination



HEALTH AND SOCIAL CARE
Unit 6 Common Diseases and Disorders

HC06

Wednesday 4 June 2008 9.00 am to 10.30 am

For this paper you must have:

- an 8-page answer book.

Time allowed: 1 hour 30 minutes

Instructions

- Use black ink or black ball-point pen.
- Write the information required on the front of your answer book. The *Examining Body* for this paper is AQA. The *Paper Reference* is HC06.
- Answer **all** questions.
- Do all rough work in the answer book. Cross through any work you do not want to be marked.

Information

- The maximum mark for this paper is 60.
- The marks for questions are shown in brackets.
- You will be marked on your ability to use good English, to organise information clearly and to use specialist vocabulary where appropriate.

Answer **all** questions.

There are 15 marks for each question.

1 Aaron is five years old and has meningitis. He has also suffered from ringworm.

- (a) (i) Give **two** different symptoms of meningitis that Aaron is likely to have. (2 marks)
- (ii) Outline how these symptoms of meningitis are caused. (3 marks)
- (b) (i) What type of organism causes ringworm? (1 mark)
- (ii) Give **two** different symptoms of ringworm Aaron is likely to have had. (2 marks)
- (c) Some disease-causing organisms can enter the body through breathing and can cause problems by releasing toxins.
- (i) Give **two** other ways disease-causing organisms can enter the body. (2 marks)
- (ii) Outline **two** different ways, other than by releasing toxins, that disease-causing organisms can affect the body. (2 marks)
- (iii) Suggest **three** different preventive strategies for minimising the risk of disease for individuals. (3 marks)

2 A study of **three** food allergens produced the results shown in the table below.

Year	Number of reported cases of allergic reactions		
	Food Allergen 1	Food Allergen 2	Food Allergen 3
2004	120	820	1600
2005	66	840	1590

- (a) What conclusions can be drawn from the data? (6 marks)
- (b) (i) Outline what is meant by an allergic reaction. (3 marks)
- (ii) Outline how a skin allergy test is performed. (3 marks)
- (iii) Name **three** common food allergens. (3 marks)

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- 3 Alice has astigmatism. She was born with this condition. Recently she suffered from tinnitus. Alice takes good care of her teeth, brushing regularly with a dentifrice and flossing.
- (a) (i) Outline what is meant by astigmatism. *(3 marks)*
 - (ii) Outline what is meant by tinnitus. *(3 marks)*
 - (b) (i) What is dentifrice? *(2 marks)*
 - (ii) What is flossing? *(2 marks)*
 - (iii) Explain how brushing regularly with dentifrice and flossing will help Alice prevent dental caries and other related disorders. *(5 marks)*
- 4 Headaches are one of the most common types of pain while migraines are far less common.
- (a) (i) Give **three** different common causes of headaches. *(3 marks)*
 - (ii) Outline how headaches cause pain. *(3 marks)*
 - (iii) What is a migraine? *(2 marks)*
 - (b) Outline how the following can form on the skin:
 - (i) blackheads *(3 marks)*
 - (ii) blisters *(2 marks)*
 - (iii) scabs. *(2 marks)*

END OF QUESTIONS

There are no questions printed on this page