



General Certificate of Education
Advanced Subsidiary Examination
June 2011

Health and Social Care

HC06

Unit 6 Common Diseases and Disorders

Friday 20 May 2011

9.00 am to 10.30 am

For this paper you must have:

- a 12-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 your answer book. Cross through any work that you do not want to be marked.

Information

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

Answer **all** questions.

There are 15 marks for each question.

Question 1

- 0 1** Hazel is 6 years old. She has head lice which are parasites. Describe **two** symptoms of head lice that Hazel is likely to have. (2 marks)
- 0 2** Explain what is meant by a 'parasite'. (3 marks)
- 0 3** Name **two** parasites other than head lice. (2 marks)
- 0 4** Hazel recently needed treatment for thrush (candidiasis). Name the type of organism which causes thrush. (1 mark)
- 0 5** Describe **three** symptoms of thrush that Hazel is likely to have. (3 marks)
- 0 6** Give **two** different ways disease-causing organisms can enter the body. (2 marks)
- 0 7** Explain why Hazel, as a 6 year old, may be more vulnerable to infection than an adult. (2 marks)

Question 2

Ray thinks he may be allergic to feathers and/or pollen. He has allergic symptoms when using a feather pillow on his bed and when the pollen count is high.

- 0 8** Give **three** different allergic symptoms Ray is likely to have. (3 marks)
- 0 9** Describe **one** way Ray could be tested to determine if he is or is not allergic to feathers and/or pollen. (7 marks)
- 1 0** Explain why allergic symptoms do not appear when a person who is allergic is first exposed to an allergen. Refer to the mechanism of allergic response in your answer. (5 marks)

Question 3

Tracey is 70 years old. She is long sighted and has regular eye tests. At her last eye test she was told that she has cataracts forming in her eyes. Tracey also recently suffered from tinnitus.

- 1 | 1** What name is given to the long sight dysfunction? (1 mark)
- 1 | 2** Explain, with reference to the appropriate components of the eye, how long sight dysfunction is caused. Include in your answer how Tracey's eyesight will be affected. (5 marks)
- 1 | 3** Outline what is meant by cataracts. (3 marks)
- 1 | 4** Briefly explain, with reference to the appropriate components of the eye, how Tracey's eyesight is likely to be affected by cataracts. (3 marks)
- 1 | 5** Briefly explain, with reference to the appropriate components of the ear, what is meant by tinnitus. (3 marks)

Question 4

A survey of skin rashes in a secondary school population produced the data shown in this table below.

	Localised Macular	Localised Raised	Generalised Macular	Generalised Raised
Female students	12	21	3	2
Male students	22	30	6	5

- 1 | 6** The data in the table above shows that the male and the female students do not have the same number of rashes. Suggest **two** possible reasons which may explain why. (2 marks)
- 1 | 7** What other conclusions can be drawn from the data in the table above? (5 marks)
- 1 | 8** Explain, with reference to the appropriate parts of a tooth, how tooth decay is caused and how it may develop to cause toothache. (6 marks)
- 1 | 9** Outline the difference between infective and non-infective causes of food poisoning. (2 marks)

END OF QUESTIONS

There are no questions printed on this page