



General Certificate of Education
Advanced Subsidiary Examination

Health and Social Care

HC06

Unit 6 Common Diseases and Disorders

Specimen paper for examinations in June 2010 onwards

This question paper uses the new numbering system and new AQA answer book

For this paper you must have:

- an AQA 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 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

Dawn is four years old and has ringworm (tinea) and head lice. Ringworm is caused by a fungus.

0 1 Name **one** other disease caused by a fungus. (1 mark)

0 2 Give **two** symptoms of ringworm Dawn is likely to have. (2 marks)

0 3 What type of disease-causing organism is head lice? (1 mark)

0 4 Give **two** symptoms caused by head lice which Dawn is likely to have. (2 marks)

Dawn is vulnerable to infection because she is very young. Other individuals may be vulnerable to infection because of their lifestyle or because they are elderly.

0 5 Outline how lifestyle can make an individual more vulnerable to infection. Refer to **two** lifestyle factors in your answer. (4 marks)

0 6 Why are the elderly generally more vulnerable than others to infection? (2 marks)

0 7 Suggest **three** different preventive strategies to minimise the risk of infection. (3 marks)

Question 2

A study of three airborne allergens produced the results shown in the table below.

	Number of reported cases of allergic reactions	
	Males	Females
Allergen 1	1493	1427
Allergen 2	506	532
Allergen 3	89	100

0 8 What conclusions can be drawn from the data? (6 marks)

0 9 Give **three** common types of airborne allergens. (3 marks)

1 0 Outline how a skin allergy test is performed. (3 marks)

1 1 Max has developed an allergic reaction to strawberries. When he first ate strawberries he had no reaction, but has had an allergic reaction on every other occasion he has eaten them.

Explain why no reaction occurred the first time Max ate strawberries. (3 marks)

Question 3

Alan is 59 years old and has developed presbyopia. He already has astigmatism and occasionally conjunctivitis.

With reference to the appropriate components of the eye, explain what is meant by:

- | | |
|---|---|
| 1 | 2 |
|---|---|

 presbyopia *(3 marks)*
- | | |
|---|---|
| 1 | 3 |
|---|---|

 astigmatism *(3 marks)*
- | | |
|---|---|
| 1 | 4 |
|---|---|

 conjunctivitis. *(3 marks)*
- | | |
|---|---|
| 1 | 5 |
|---|---|

 Alan is concerned that he may suffer from progressive deafness when he becomes elderly.

With reference to the appropriate components of the ear, explain what is meant by progressive deafness in the elderly. *(6 marks)*

Question 4

Leanne is a 20-year-old female who often gets headaches. Some of her headaches seem to be a result of eating cheese.

- | | |
|---|---|
| 1 | 6 |
|---|---|

 Apart from eating cheese, give **four** other common causes of headache. *(4 marks)*
- | | |
|---|---|
| 1 | 7 |
|---|---|

 Outline how headache pain is produced. *(4 marks)*
- | | |
|---|---|
| 1 | 8 |
|---|---|

 How are migraines different from other headaches? *(2 marks)*
- Leanne recently had food poisoning after eating shellfish.
- | | |
|---|---|
| 1 | 9 |
|---|---|

 Give **three** symptoms of food poisoning Leanne is likely to have suffered. *(3 marks)*
- | | |
|---|---|
| 2 | 0 |
|---|---|

 Which type of infective organism is the likely cause of Leanne's food poisoning? *(1 mark)*
- | | |
|---|---|
| 2 | 1 |
|---|---|

 Name one non-infective cause of food poisoning. *(1 mark)*

END OF QUESTIONS

There are no questions printed on this page