



General Certificate of Education
Advanced Subsidiary Examination
June 2010

Health and Social Care

HC06

Unit 6 Common Diseases and Disorders

Friday 21 May 2010 9.00 am to 10.30 am

For this paper you must have:

- a 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 your answer 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 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

Rhona is 18 years old and has scabies. Scabies is caused by a parasite. Rhona had unprotected sex and now has the symptoms of gonorrhoea.

- 0 1** Name a human parasite other than scabies. (1 mark)
- 0 2** Give **two** symptoms of scabies Rhona is likely to have. (2 marks)
- 0 3** What type of organism causes gonorrhoea? (1 mark)
- 0 4** Give **two** symptoms of gonorrhoea Rhona is likely to have. (2 marks)
- 0 5** Unprotected sex is one way disease causing organisms can be transmitted. Give **three** different ways in which disease causing organisms can be transmitted. (3 marks)
- 0 6** Disease causing organisms can damage cells and tissues. Give **two** different ways in which disease causing organisms harm the body. (2 marks)
- 0 7** Explain why some individuals are more vulnerable to infection than others. Refer to **two** different groups of individuals in your answer. (4 marks)

Question 2

Pollen is a common airborne allergen.

- 0 8** What is meant by the term 'allergen'? (2 marks)
- 0 9** Give **three** other examples of common airborne allergens. (3 marks)
- 1 0** Describe how a skin allergy test is carried out. Explain in your answer how the results are interpreted. (5 marks)
- 1 1** Steve is 80 years old and has developed cataracts in both eyes. With reference to the appropriate components of the eye, explain what is meant by cataracts. Include in your answer how Steve's eyesight will be affected by cataracts. (5 marks)

Question 3

Myra is an elderly adult who has progressive deafness. She also suffers from gingivitis and has a gum abscess caused by dental decay.

- 1 2** With reference to the appropriate components of the ear, explain what is meant by progressive deafness in the elderly. *(5 marks)*
- 1 3** Briefly outline how Myra's hearing will be affected by her progressive deafness as time goes by. *(2 marks)*
- 1 4** What is gingivitis? *(1 mark)*
- 1 5** Suggest **two** effects gingivitis may have on Myra. *(2 marks)*
- 1 6** Explain how dental decay will have caused Myra's abscess to form. *(5 marks)*

Question 4

A health survey of the causes of headaches in 100 male and 100 female adults produced the data shown in the table below.

Likely cause of most recent headache	Males	Females
Stress	48	59
Dehydration	14	10
Foodstuffs	8	15
Stuffy atmosphere	30	16

- 1 7** What conclusions can be drawn from the data in the table above? *(6 marks)*
- 1 8** Give **two** other common causes of headaches not included in the table. *(2 marks)*
- 1 9** Outline how a migraine is different from other headaches. *(3 marks)*
- 2 0** Blackheads are a skin problem for many people. Explain how blackheads form on the skin. *(4 marks)*

END OF QUESTIONS

There are no questions printed on this page