

General Certificate of Education
January 2007
Advanced Subsidiary Examination



HEALTH AND SOCIAL CARE
Unit 6 Common Diseases and Disorders

HC06

Tuesday 16 January 2007 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 blue or black ink or 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** Wayne has athlete's foot and a common cold. The cold has caused Wayne to develop a cough.
- (a) (i) What type of organism causes athlete's foot? *(1 mark)*
 - (ii) Give **two** symptoms of athlete's foot. *(2 marks)*

 - (b) (i) What type of organism causes a common cold? *(1 mark)*
 - (ii) Give **three** symptoms other than a cough that Wayne may develop due to the common cold. *(3 marks)*

 - (c) Some infectious disease organisms enter the body through food and drink and cause their effects by releasing toxins.
 - (i) Suggest **two** different ways infectious disease organisms can enter the body, other than in food and drink. *(2 marks)*
 - (ii) Give **two** different ways, other than releasing toxins, that infectious disease organisms may cause disease symptoms. *(2 marks)*

 - (d) (i) Outline why young children are vulnerable to infectious disease. *(2 marks)*
 - (ii) Suggest **two** different preventive strategies for reducing the risk of young children becoming infected by disease organisms. *(2 marks)*
- 2** Spores from moulds are one form of airborne allergen.
- (a) (i) Give **two** different forms of airborne allergens. *(2 marks)*
 - (ii) Describe how an individual can be tested for sensitivity to an airborne allergen. *(5 marks)*

 - (b) Explain how allergens cause allergic reactions. *(8 marks)*

- 3 An eyesight survey of one hundred and fifty adults produced the results shown in the table below.

Eye disorders	Number of adults
Myopia	36
Hyperopia (Hypermetropia)	18
Astigmatism	21
Presbyopia	20

- (a) What conclusions can be drawn from the survey data in the table above? *(4 marks)*
- (b) Briefly outline the causes and effects of:
- (i) myopia *(2 marks)*
 - (ii) hyperopia (hypermetropia) *(2 marks)*
 - (iii) astigmatism *(3 marks)*
 - (iv) presbyopia. *(3 marks)*
- (c) Name **one** other common eye disorder. *(1 mark)*

- 4 Dawn is a teenage girl who has blackheads on her skin due to acne. She also suffers regularly from headaches.

- (a) (i) Explain how blackheads form. *(3 marks)*
- (ii) Briefly outline the structure of the skin. You may use a labelled diagram to help your answer. *(6 marks)*
- (b) (i) Explain how Dawn's headaches cause her pain. *(4 marks)*
- (ii) Suggest **two** common causes of headaches. *(2 marks)*

END OF QUESTIONS

There are no questions printed on this page