

General Certificate of Education  
June 2007  
Advanced Subsidiary Examination



**HEALTH AND SOCIAL CARE**  
**Unit 6 Common Diseases and Disorders**

**HC06**

Friday 8 June 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 are reminded of the need for good English and clear presentation in your answers. Quality of Written Communication will be assessed in answers written in continuous prose.

Answer **all** questions.

Each question carries 15 marks.

**1** Dora is 80 years old and has scabies. She must be careful not to share bath towels with other members of her family.

- (a) (i) What causes scabies? *(1 mark)*
- (ii) Give **three** different symptoms of scabies that Dora is likely to have. *(3 marks)*
- (iii) Suggest **two** different preventative strategies Dora should follow as well as not sharing bath towels. *(2 marks)*
- (b) (i) Explain why people of Dora's age are vulnerable to disease. *(2 marks)*
- (ii) Give **three** different groups of people other than the elderly, who are also vulnerable to disease. *(3 marks)*
- (c) Outline **four** different ways disease symptoms may be caused. *(4 marks)*

**2** A dental survey of 100 male and 100 female adults produced the results shown in the table below.

Treatments	Females	Males
1 or 2 extracted teeth	46	44
3 or more extracted teeth	19	30
1 or 2 fillings	53	61
3 or more fillings	33	35

- (a) What conclusions can be drawn from the dental survey results in the table above? *(5 marks)*
- (b) (i) What is dental plaque and how is it formed? *(3 marks)*
- (ii) Explain how: 1) toothache is caused *(4 marks)*
- 2) abscesses develop. *(3 marks)*

- 3 Ali is a young boy who has a temporary hearing problem. He is diagnosed as having glue ear. His grandmother has found that her hearing is gradually deteriorating as she becomes elderly and seems worse in noisy environments.
- (a) Explain what is meant by glue ear and how it causes a hearing problem for Ali. *(6 marks)*
- (b) Explain the likely cause of Ali's grandmother's hearing problem. *(6 marks)*
- (c) Name and outline **one** other common dysfunction of the ear. *(3 marks)*
- 4 A health survey was carried out on the occurrence of headaches and rashes. 100 adolescents were surveyed, 50 boys and 50 girls. The survey produced the results shown in the table below.

	<b>Regular headaches</b>	<b>Migraines</b>	<b>Macular rashes</b>	<b>Other rashes</b>
Boys	8	3	11	24
Girls	12	2	12	31

- (a) What conclusions can be drawn from the health survey results in the table above? *(5 marks)*
- (b) What is macular rash? *(2 marks)*
- (c) (i) What is migraine? *(2 marks)*
- (ii) Suggest **two** common causes of headaches. *(2 marks)*
- (d) Causes of food poisoning may be infective or non-infective.
- (i) Give **one** named example of: 1) an infective cause  
2) a non-infective cause. *(2 marks)*
- (ii) Give **two** different symptoms of food poisoning. *(2 marks)*

**END OF QUESTIONS**

**There are no questions printed on this page**