

General Certificate of Education  
January 2007  
Advanced Level Examination



**HEALTH AND SOCIAL CARE**  
**Unit 12 Human Development: Factors and Theories**

**HC12**

Thursday 18 January 2007 1.30 pm to 3.30 pm

**For this paper you must have:**

- a 12-page answer book.

Time allowed: 2 hours

**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 HC12.
- 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 80.
- 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.

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Answer **all** questions.

There are 20 marks for each question.

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- 1 (a) (i) Explain what is meant by the term genotype. *(4 marks)*
- (ii) Outline one genetic difference between girls and boys. *(2 marks)*
- (iii) Outline one maturational difference between girls and boys. *(2 marks)*
- (b) Outline two ways in which the behaviour of boys and girls differs significantly. *(4 marks)*
- (c) Outline what is meant by a gender role stereotype. Refer to two examples in your answer. *(4 marks)*
- (d) Groups of 12-year-old girls and boys from the same school were given tests of spatial and verbal ability. The total possible scores in the two tests were different. The results are summarised in the table below.

	<b>Mean score in spatial ability test</b>	<b>Mean score in verbal ability test</b>
Girls	16.8	42.5
Boys	17.3	39.5

Compare the performance of boys and girls in the two tests. *(4 marks)*

- 2 (a) Outline three stages in the development of language. *(6 marks)*
- (b) Describe the social learning theory of language development. Refer to the role of parents in your answer. *(9 marks)*
- (c) Briefly discuss the influence of maturation on language development. *(5 marks)*

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- 3 (a) Give three behaviours typical of an attached child. *(3 marks)*
- (b) Briefly describe the participants, setting and procedure used in Ainsworth's Strange Situation study. *(7 marks)*
- (c) Describe three different types of attachment identified by Ainsworth. *(6 marks)*
- (d) Discuss the implications of Ainsworth's work for parenting. *(4 marks)*
- 4 (a) Explain what Piaget meant by assimilation and accommodation. Refer to examples in your answer. *(6 marks)*
- (b) Outline what Piaget meant by conservation. *(3 marks)*
- (c) Describe one conservation test used by Piaget. *(6 marks)*
- (d) Evaluate Piaget's use of conservation tests in relation to one later modified version of this type of test. *(5 marks)*

**END OF QUESTIONS**

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