

General Certificate of Education  
January 2008  
Advanced Level Examination



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

**HC12**

Thursday 17 January 2008 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 Wayne is 14 years old and his sister Lucy is 12. Both children sometimes show aggressive behaviour, although Wayne does so much more often than his sister.
- (a) (i) Outline **one** biological explanation for the difference in frequency of aggression shown by Wayne and Lucy. *(2 marks)*
  - (ii) Explain how environmental factors might have led to the difference in frequency of aggression shown by Wayne and Lucy. *(5 marks)*
  - (b) (i) Outline **one** factor that strongly influences sex differences in the onset of puberty. *(2 marks)*
  - (ii) Suggest and outline **one** environmental factor that can delay the onset of puberty. *(3 marks)*
  - (c) Describe Baumrind's research into parenting styles. In your answer refer to the methods used and findings obtained. *(8 marks)*
- 2 (a) According to Piaget, one key feature of the preoperational stage of cognitive development is egocentrism.
- (i) Using an everyday example, outline what is meant by egocentrism in this context. *(2 marks)*
  - (ii) Describe **one** test of egocentrism used by Piaget. Refer to materials, procedure and interpretation of results. *(8 marks)*
  - (iii) Evaluate Piaget's use of this test of egocentrism. *(6 marks)*
- (b) Describe **two** other features of the preoperational stage of cognitive development. *(4 marks)*

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- 3 (a) For each of the following statements, explain whether it illustrates the influence of **either** genetics **or** the environment on language development. Justify your answers.
- (i) Children in different cultures go through the same stages of language development. *(2 marks)*
  - (ii) Pre-school children who were adopted at birth usually speak with an accent very similar to that of their adoptive parents. *(2 marks)*
  - (iii) Children start to speak at around the same age. *(2 marks)*
- (b) Describe Skinner's learning theory explanation for language acquisition. *(6 marks)*
- (c) Evaluate Skinner's learning theory explanation for language acquisition. Refer to alternative explanations in your answer. *(8 marks)*
- 4 (a) Outline what is meant by a critical period for attachment. *(2 marks)*
- (b) Describe the development of attachment over the first three years of life. *(6 marks)*
- (c) Outline and briefly discuss **one** of Rutter's criticisms of Bowlby's view of maternal deprivation. *(6 marks)*
- (d) Discuss Bowlby's view that children benefit most from a single strong attachment to a mother figure. *(6 marks)*

**END OF QUESTIONS**

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