

Write your name here

Surname

Other names

Centre Number

Candidate Number

**Edexcel GCE**

# Health and Social Care

## Unit 1: Human Growth and Development

Tuesday 17 May 2011 – Morning  
**Time: 1 hour 30 minutes**

Paper Reference

**6938/01**

**You do not need any other materials.**

Total Marks

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided  
– *there may be more space than you need.*

### Information

- The total mark for this paper is 90.
- The marks for **each** question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*
- Questions labelled with an **asterisk** (\*) are ones where the quality of your written communication will be assessed  
– *you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.*

### Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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**Answer ALL questions in the spaces provided.**

Cathy gave birth to twins Tim and Beth.  
Cathy's midwife recorded the following facts just after birth.

<b>Features noted at birth</b>	<b>Male child TIM</b>	<b>Female child BETH</b>
<b>Birth weight</b>	6.9 kg	5.3 kg
<b>Birth length</b>	49 cm	45 cm
<b>Blood group</b>	Group O	Group O
<b>Hair colour</b>	Fair	Fair
<b>Eye colour</b>	Blue	Blue

**1** (a) Identify and explain whether the twins are identical or non-identical twins. (4)

Identification .....

Explanation .....

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(b) Explain why it is important to measure and record a newborn's height and weight. (2)

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(c) During infancy and early childhood, a health visitor will monitor the twins' norms.

Define norms.

(2)

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(d) The twins will be developing rapidly.

Identify **one** fine and **one** gross motor skill and give the average age of appearance in **months**.

(4)

Fine motor skill .....

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Age in months .....

Gross motor skill .....

.....

Age in months .....



Cathy is part of an extended family.

\*(e) Discuss the importance of family for positive social development.

(10)

A series of horizontal dotted lines for writing the answer.



Lined writing area with horizontal dotted lines.



\*(f) In a few years time, Tim and Beth will enter the life stage of adolescence.

Examine the developmental differences they might experience during adolescence.

(8)

Handwriting practice area consisting of multiple horizontal dotted lines.



Lined writing area for the answer to Question 1.

**(Total for Question 1 = 30 marks)**

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Kate is Cathy's widowed mother. She is 68 years of age and suffers from arthritis which affects her mobility. Kate lives with Cathy and her family.

2 (a) (i) Identify Kate's current life stage.

(1)

(ii) Identify **three** physical features, other than reduced mobility, which are characteristic of Kate's life stage.

(3)

1 .....

2 .....

3 .....

(b) Explain the advantages to Cathy of having Kate living with her.

(6)

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**Question 2(c) is on next page**



(c) Kate goes once a week to a local community group to play cards.

Identify **two** benefits of belonging to a community group.

(2)

1 .....

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2 .....

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\* (d) Cathy’s husband Tony was not present at the birth of the twins because he works in the Middle East. Tony has only eight weeks holiday leave each year. He is expected home soon for a month.

Discuss the impact of Tony’s lengthy absences on the twins’ development.

(8)

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Handwriting practice area with 25 horizontal dotted lines.



\*(e) Examine how separation through employment might affect Cathy and Tony's relationship.

(10)

A series of horizontal dotted lines for writing the answer.



Handwriting practice area with 25 horizontal dotted lines.

**(Total for Question 2 = 30 marks)**



Immunisation is part of the UK government's national strategy for health promotion.

- 3 (a) (i) Complete the following table to identify **four different** immunisations that form part of this strategy.

(4)

Life stage of immunisations	Disease protected against
Infancy and childhood	
Adolescence	
Later adulthood	

- (ii) Identify the approach/model that is used in this type of health promotion strategy.

(1)

- (b) There are three general aims of health promotion.

State the aim that is being addressed by immunisation.

(1)

- (c) The World Health Organisation and the UK Department of Health recommend that the level of 'herd immunity' is 97% for many diseases.

Explain the importance of a high level of 'herd immunity'.

(6)



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**Question 3(d) is on next page**



\***(d)** Examine the reasons why 'herd immunity' for most diseases is not reaching the target percentage of 97%.

**(8)**

A series of horizontal dotted lines for writing the answer.





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\*(e) Evaluate mass immunisation strategies.

(10)

A series of horizontal dotted lines for writing the answer.



Handwriting practice area with 30 horizontal dotted lines.

**(Total for Question 3 = 30 marks)**

**TOTAL FOR PAPER = 90 MARKS**



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