



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

CANDIDATE  
NAME

CENTRE  
NUMBER

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CANDIDATE  
NUMBER

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**CHILD DEVELOPMENT**

**0637/01**

Paper 1

**October/November 2010**

**2 hours**

Candidates answer on the Question Paper.

No Additional Materials are required.

**READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

You may use a soft pencil for any diagrams, graphs or rough working.

Do not use staples, paper clips, highlighters, glue or correction fluid.

DO **NOT** WRITE IN ANY BARCODES.

**Section A and Section B**

Answer **all** questions.

**Section C**

Answer **one** question.

Write your answers in the space provided on the Question Paper.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [ ] at the end of each question or part question.

For Examiner's Use	
<b>Section A</b>	
<b>Section B</b>	
<b>Section C</b>	
<b>Total</b>	

This document consists of **9** printed pages, **2** lined pages and **1** blank page.



**Section A**

Answer **all** questions.

For  
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Use

- 1 In what part of the body does conception take place?  
..... [1]
- 2 How many sperm fertilise one egg?  
..... [1]
- 3 (a) Explain the differences between **uniovular** and **binovular** twins.
- (i) Uniovular .....  
..... [2]
- (ii) Binovular .....  
..... [2]
- (b) What is always true about the sex of **uniovular** twins?  
..... [1]
- 4 Name the following that are described here.
- (a) The place where the baby develops.  
..... [1]
- (b) The opening of the female reproductive system where sexual intercourse takes place.  
..... [1]
- (c) The pouch where the testes are stored.  
..... [1]
- (d) The place where seminal fluid is produced and stored.  
..... [1]

5 State **four** changes that occur during puberty when a boy becomes a man.

- 1 .....
- .....
- 2 .....
- .....
- 3 .....
- .....
- 4 .....
- ..... [4]

6 Explain the **three** functions of **amniotic fluid**.

- 1 .....
- .....
- 2 .....
- .....
- 3 .....
- ..... [6]

7 One complication in pregnancy can be **anaemia**.

- (a) What causes anaemia?  
..... [1]
- (b) Give **two** ways in which anaemia affects a pregnant woman.
  - (i) .....
  - (ii) ..... [2]
- (c) Suggest **two** ways in which anaemia can be treated.
  - (i) .....
  - .....
  - (ii) .....
  - ..... [2]

8 Give **one** advantage and **one** disadvantage of breast feeding and bottle feeding.

(a) Breast feeding

Advantage .....

..... [1]

Disadvantage .....

..... [1]

(b) Bottle feeding

Advantage .....

..... [1]

Disadvantage .....

..... [1]

**[Total: 30 marks]**

**Section B**

Answer **all** questions.

For  
Examiner's  
Use

9 (a) Give **four** basic requirements provided by the family for a child.

(i) .....  
..... [1]

(ii) .....  
..... [1]

(iii) .....  
..... [1]

(iv) .....  
..... [1]

(b) One type of family is the **extended family**. Explain **three** advantages of being a child in an extended family.

(i) .....  
..... [2]

(ii) .....  
..... [2]

(iii) .....  
..... [2]

(c) Name and describe **three** other types of family.

(i) .....  
..... [2]

(ii) .....  
..... [2]

(iii) .....  
..... [2]

(d) Suggest **four** things to consider when planning to start a family.

(i) .....  
..... [1]

(ii) .....  
..... [1]

(iii) .....  
..... [1]

(iv) .....  
..... [1]

(e) There are advantages in starting your family when you are young, and also in being an older parent.

Discuss the advantages of being:

(i) a younger parent;  
.....  
.....  
.....

(ii) an older parent.  
.....  
.....  
..... [5]

10 Play can be divided into stages of play and different types of play.

(a) Name and describe the **four** stages of play.

(i) .....  
.....  
..... [2]

(ii) .....  
.....  
..... [2]

(iii) .....  
.....  
..... [2]

(iv) .....  
.....  
..... [2]

(b) Explain and give **two** examples of each of the following types of play.

(i) Manipulative play .....  
.....  
.....  
Example 1 .....  
Example 2 ..... [4]

(ii) Imaginative play .....  
.....  
.....  
Example 1 .....  
Example 2 ..... [4]

(iii) Creative play .....

.....

.....

Example 1 .....

Example 2 ..... [4]

(c) Discuss the advantages and disadvantages of sending a child to a nursery.

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [5]

[Total: 50 marks]



**Section C**

Answer **(a)** or **(b)** of this question.

Write your answer on the following pages.

For  
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Use

- 11 **(a)** Suggest, with reasons, a bedtime routine for a toddler.

**[Total: 20 marks]**

**OR**

- (b)** A child's environment must be safe. Discuss possible danger areas in the home and describe the safety measures which need to be taken.

**[Total: 20 marks]**



A series of horizontal dotted lines spanning the width of the page, intended for writing answers.

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