



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 2012

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 or graphs.

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 spaces 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	
Section A	
Section B	
Section C	
Total	

This document consists of **8** printed pages, **3** lined pages and **1** blank page.



Section A

Answer **all** questions.

For
Examiner's
Use

1 The placenta is vital to the development of a baby in the womb/uterus.

(a) When is the placenta formed?

.....
..... [1]

(b) Give **two** functions of the placenta.

1
2 [2]

2 Explain how the sex of a baby is determined at conception for:

(a) a boy

.....
..... [2]

(b) a girl

.....
..... [2]

3 (a) What is the ideal temperature for a baby's bedroom?

..... [1]

(b) What is meant by hypothermia?

.....
..... [1]

(c) List **four** benefits of fresh air and sunlight to a baby.

1
2
3
4 [4]

4 List **four** ways in which adults can help children to learn.

- 1
- 2
- 3
- 4 [4]

5 (a) Explain the term **Sudden Infant Death Syndrome**.

.....
..... [1]

(b) List **three** ways to reduce the risk of **Sudden Infant Death Syndrome**.

- 1
- 2
- 3 [3]

6 List **four** alternative methods of pain relief in labour instead of using drugs.

- 1
- 2
- 3
- 4 [4]

7 Explain how to treat:

(a) A baby who is choking.

.....
.....
..... [3]

(b) An older child who is choking.

.....
..... [2]

[Total: 30 marks]

Section B

Answer **all** questions.

*For
Examiner's
Use*

8 (a) Explain what is meant by:

(i) Gross motor skills

(ii) Fine motor skills [4]

(b) A baby is born with reflex actions.

Name and describe **four** of these.

(i) Reflex action
Description

(ii) Reflex action
Description

(iii) Reflex action
Description

(iv) Reflex action
Description [12]

(c) Why are these reflexes necessary?

.....
..... [1]

(d) At approximately what age do most of these reflexes completely disappear?

..... [1]

(e) Explain what replaces these reflexes.

.....
..... [1]

(f) (i) At what stage should a parent start to clean a babies teeth?

..... [1]

(ii) Why is this necessary?

.....
..... [1]

(iii) Explain how a good diet could help the babies teeth stay healthy.

.....
.....
.....
..... [4]

- 9 (a) Complete the chart below and name **six** important contents of a first-aid box for the home, and give a use for each.

For
Examiner's
Use

Item	Use
1	
2	
3	
4	
5	
6	

[12]

- (b) List **seven** reasons when it would be necessary to seek urgent medical treatment for a baby.

- 1
- 2
- 3
- 4
- 5
- 6
- 7 [7]

(c) Suggest **three** safety features and their purpose, which helps to protect children when they are in the kitchen.

*For
Examiner's
Use*

(i) Feature

Purpose

(ii) Feature

Purpose

(iii) Feature

Purpose [6]

[Total: 50 marks]

Section C

Answer **either 10 (a) or 10 (b)** of this question.

Write your answer on the following pages.

- 10 (a)**
- (i)** Discuss the factors that affect the decision to start a family.
 - (ii)** Explain the changes that having children may have on the life of the parents.

[Total: 20 marks]

OR

- (b)**
- (i)** Discuss the advantages of breast feeding.
 - (ii)** Explain how to prevent the risk of infection when bottle feeding.

[Total: 20 marks]

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