

Centre Number	Candidate Number	Name
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UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

**CHILD DEVELOPMENT**

**0637/01**

Paper 1

May/June 2005

**2 hours**

Candidates answer on the Question Paper.  
Additional Materials: Answer Booklet/Paper.

**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.

**Section A**

Answer **all** questions.

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

**Section B**

Answer any **two** questions.

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

**Section C**

Answer **one** question.

Write your answer on the separate Answer Booklet/Paper provided.

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.

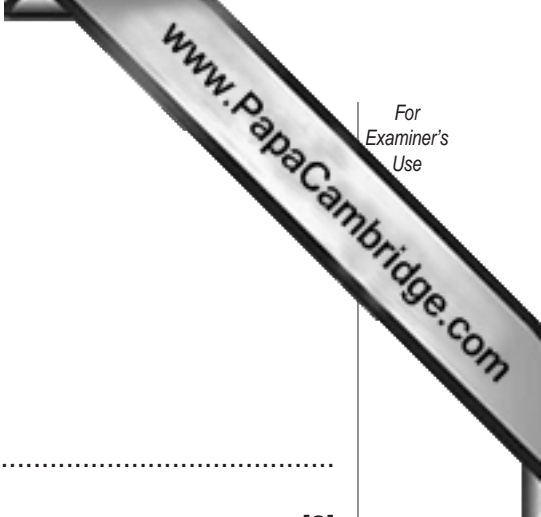
If you have been given a label, look at the details. If any details are incorrect or missing, please fill in your correct details in the space given at the top of this page.

Stick your personal label here, if provided.

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

Section A

Answer all questions.



1 (a) What is meant by a **family**?

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

(b) Identify **three** different family groups.

1. ....  
2. ....  
3. ....[3]

2 In the male and female reproductive systems,

(a) Where are the sperm produced?

.....[1]

(b) Where are the eggs produced?

.....[1]

3 Explain **three** ways pregnancy can be prevented.

1. ....  
2. ....  
3. ....[3]

4 (a) Suggest **three** common causes of infertility.

1. ....  
2. ....  
3. ....[3]

(b) Name **two** treatments for infertility.

1. ....  
2. ....[2]

5 (a) Describe how identical and non-identical twins are formed.

Identical.....  
.....

Non-identical.....  
.....[4]

(b) Give **two** advantages of being the parents of twins.

1. ....

2. ....[2]

6 What is meant by **weaning**?

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

7 How a child develops depends on **nature** and **nurture** (environment/genetics).  
Explain what is meant by:

**Nature**.....  
.....

**Nurture**.....  
.....[2]

8 Most babies are born with five senses. Name **four** of these.

1. ....

2. ....

3. ....

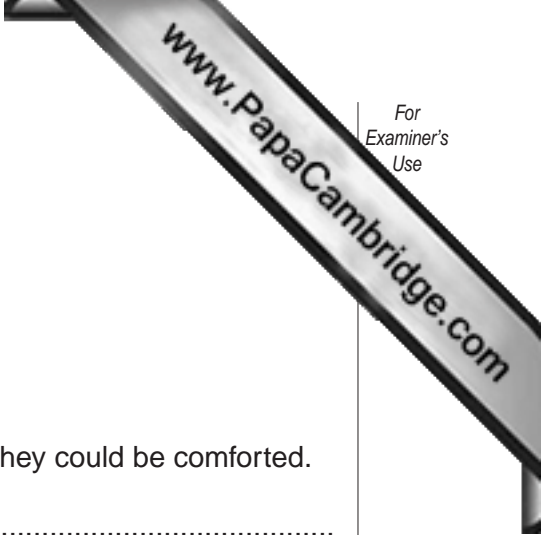
4. ....[4]

9 Explain what is meant by **lactation** and when it occurs.

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

Section B

Answer two questions.



10 (a) New-born babies cry as a way of communicating.

Give four reasons why babies cry, and for each explain how they could be comforted.

1 Reason .....

Explanation .....

.....  
.....

2 Reason .....

Explanation .....

.....  
.....

3 Reason .....

Explanation .....

.....  
.....

4 Reason .....

Explanation .....

.....  
.....

[8]

(b) At what age does a child show understanding of simple commands?

.....[2]

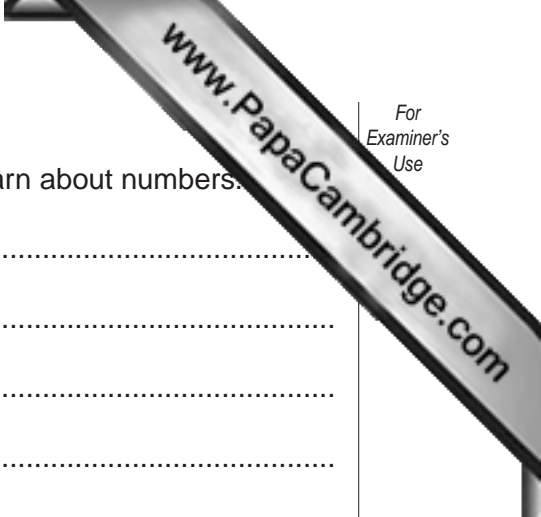
(c) Suggest four reasons why a child might be slow in learning to talk.

1. ....

2. ....

3. ....

4. ....[4]



(d) Explain **two** different ways you would encourage a child to learn about numbers.

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

(e) Suggest **four** ways a parent can encourage their child to learn to read.

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

(f) Give **one** advantage of each of the following types of books suitable for a nine-month-old baby.

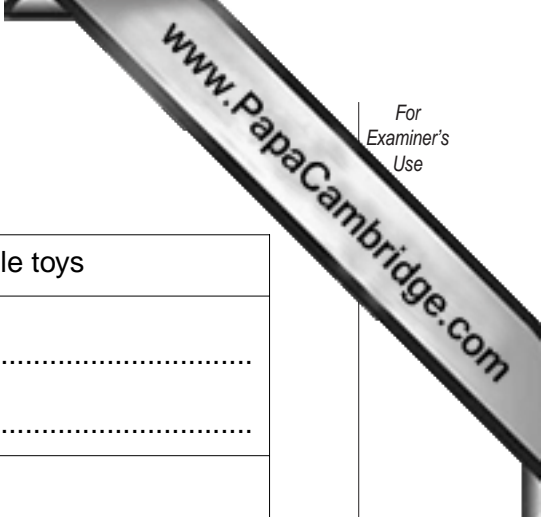
- 1 Board book .....  
.....
  - 2 Texture book .....  
.....
  - 3 Cloth book.....  
.....
- [3]

11 (a) Explain **five** benefits of play.

- 1. ....  
.....
- 2. ....  
.....
- 3. ....  
.....
- 4. ....  
.....
- 5. ....  
.....[10]

(b) Name **four** types of play and give **one** example of each.

- Type of play .....  
Example .....
- Type of play .....  
Example .....
- Type of play .....  
Example .....
- Type of play .....  
Example ..... [8]



(c) Complete the following chart.

Age of child	Two examples of suitable toys
1–2 years	1. .... 2. ....
2–3 years	1. .... 2. ....
3–5 years	1. .... 2. ....

[6]

(d) Suggest a suitable toy for a child with visual difficulties.

.....[1]

12 (a) Suggest **four** signs that a baby may show when teething.

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

(b) How could a baby who is distressed through teething be helped?

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

(c) What are the babies first teeth called?

.....[1]

(d) Name **four** substances that build strong healthy teeth, and give **one** example of source of each.

- 1 Substance.....  
Example of source .....
- 2 Substance.....  
Example of source .....
- 3 Substance.....  
Example of source .....
- 4 Substance.....  
Example of source .....[8]

(e) Explain how tooth decay occurs.

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

(f) Children often love 'Junk' foods. They usually contain a lot of fat, sugar and additives.

Explain why children should be **discouraged** from eating them.

.....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....[6]



**Section C**

Answer **one** question.

**13** Deciding whether to have a baby at home or hospital can be a difficult decision.

**(a)** Explain when a hospital confinement is advised.

**(b)** Discuss the relevant advantages of both a hospital and a home confinement.

[20]

**14** Some children are very hard to manage and are called 'difficult children'.

Discuss the types and possible cause of behaviour that this type of child may display.

Explain strategies for this type of problem.

[20]





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