



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

0637/11

Paper 1

May/June 2013

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.

1 State **two** ways of measuring growth.

(i)
..... [1]

(ii)
..... [1]

2 Explain the term development.

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

3 List **six** environmental influences upon development.

(i)

(ii)

(iii)

(iv)

(v)

(vi) [6]

4 What is the average length of the female menstrual cycle?

..... [1]

5 Outline the **five** stages of the menstrual cycle.

(i)

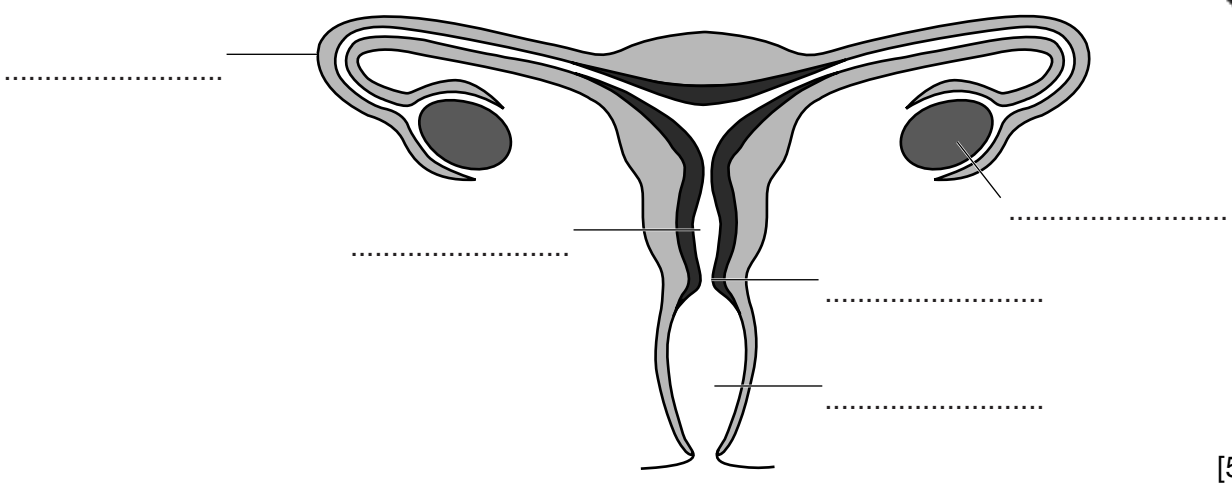
(ii)

(iii)

(iv)

(v) [5]

6 Label the **five** parts marked on the diagram of the female reproductive system below.



7 (a) Explain how identical (uniovular) twins occur.

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

(b) Explain how non-identical (binovular) twins occur.

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

8 List **three** possible reasons for male infertility and **three** reasons for female infertility.

(a) Male
.....
..... [3]

(b) Female
.....
..... [3]

[Total: 30 marks]

Section B

Answer **all** questions.

- 9 (a) Outline **three different** signs and/or symptoms of **each** of the infectious diseases listed below.

The first one has been completed as an example.

Disease	Signs and/or Symptoms
<i>Mumps</i>	<i>Painful swelling in the glands around the jaw line, aching, ear ache, high temperature.</i>
(i) Whooping cough	
(ii) Chicken Pox	
(iii) Measles	
(iv) Meningitis	

[12]

- (b) Immunisation programmes can help to reduce the likelihood of children contracting some infectious diseases.

State **five** reasons why some parents decide against having their child immunised.

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

(c) List **six** items that might be found in a first aid kit and give one use for each.

1

.....

2

.....

3

.....

4

.....

5

.....

6

.....

..... [6]

10 (a) Name and describe **four** types of play.

The first one has been completed as an example.

Name	Description
<i>Physical</i>	<i>Where children use gross motor skills or large muscles.</i>
(i)	
(ii)	
(iii)	
(iv)	

[8]

(b) State **one** suitable toy for **each** of the following children and explain how it helps physical development.

(i) A 3 month old who prefers to lie on its back.

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

(ii) A 6 month old who is not mobile, but is sitting up.

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

(iii) A 9 month old who is crawling.

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

(iv) A 16 month old who is walking steadily.

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

(c) Explain **five** points to consider when selecting toys for children.

1

2

3

4

5

.....[5]

(d) Describe **two** places designed especially for children to play in the community.

1

.....

2

..... [2]

(e) Give **four** benefits of encouraging children to play with natural materials.

1

.....

2

.....

3

.....

4

..... [4]

[Total: 50 marks]

8

Section C

Answer **one** question.

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

Write your answers on the following pages.

11 (a) Many women undergo routine checks and procedures during pregnancy.

Explain what checks and procedures are available.

Discuss the benefits of these for parents.

[Total: 20 marks]

OR

(b) Children go through many changes in their normal routine, some of these are planned and some are unplanned.

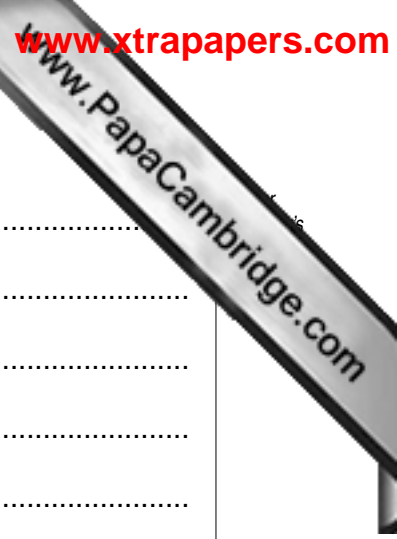
Explain what these changes could be.

Discuss the possible feelings and behaviours the child might show in these situations.

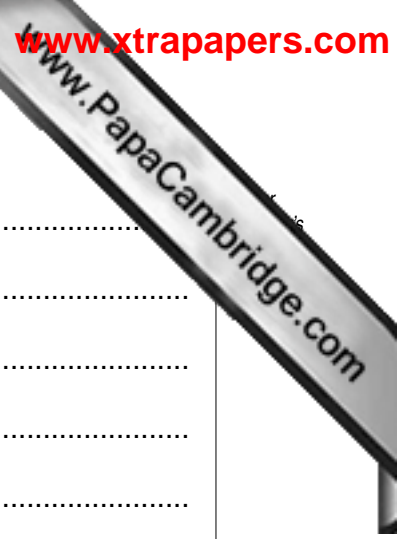
[Total: 20 marks]

[Total for paper 100 marks]

Handwriting practice area consisting of 25 horizontal dotted lines.



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



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

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