

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

October/November 2004

2 hours

Candidates answer Sections A and B 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	
Total	

Section A

Answer **all** questions.

1 Name **two** points a couple should consider before starting a family.

1.

2.[2]

2 Give the names of **two** inherited diseases.

1.

2.[2]

3 State **two** causes of infertility.

1.

2.[2]

4 What is meant by the term 'breech birth'?

.....[1]

5 Name **two** reflex actions of a new-born baby.

1.

2.[2]

6 The picture below shows a parent holding a newborn baby.



Why is it important that a new-born baby's head is supported?

.....[1]

7 What do you understand by the term 'manipulative skills'?

.....[1]

8 Suggest **four** different types of family structures.

1.

2.

3.

4.[4]

9 (a) Give **two** signs that a child may be feeling unwell.

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

(b) Suggest **three** ways a parent may prepare a child for a stay in hospital.

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

10 Explain **two** differences between:

(i) adoption

- 1.
- 2.[2]

(ii) fostering

- 1.
- 2.[2]

11 Name **two** ways a baby communicates with others before learning to talk.

- 1.
- 2.[2]

12 Children experience both positive and negative emotions.

Suggest **two** positive and **two** negative emotions a child may be feeling.

Positive

- 1.
- 2.[2]

Negative

- 1.
- 2.[2]

Section B

Answer **two** questions.

13 (a) Name **two** benefits of play.

- 1.
- 2.[2]

(b) Play encourages all areas of development including social development.

Name **three** stages of social play that all children go through.

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

(c) Give **three** other types of play.
Give an example of an activity/game for each one.

- Play
- Example
- Play
- Example
- Play
- Example[6]

(d) There are a wide variety of toys on the market.

(i) Suggest **four** safety factors that parents should consider when buying toys.

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

(ii) Suggest **three** other factors that need to be considered if the toy is to be part of a child's education.

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

(e) Suggest an appropriate toy for a six-month-old baby.

.....[1]

(f) Explain how a set of stacking beakers could encourage developmental skills for a child aged one to five years old. Give examples to illustrate your answer.

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

14 (a) What is meant by the term a 'balanced diet'?

.....[1]

(b) What do the following nutrients provide for the body:

(i) protein

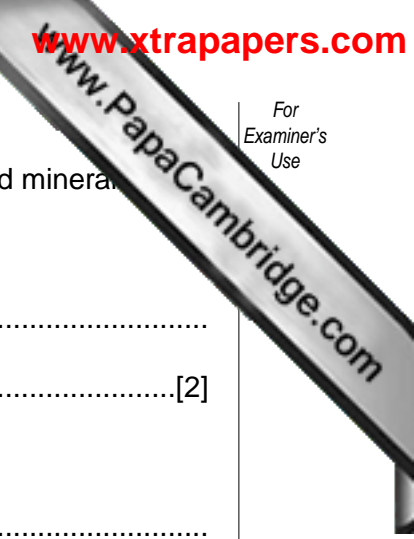
.....

(ii) carbohydrate

.....

(iii) fat

.....[3]



(c) Suggest **two** good sources of food for each of the following vitamins and minerals.

(i) Vitamin A

- 1.
- 2. [2]

(ii) Vitamin C

- 1.
- 2. [2]

(iii) Iron

- 1.
- 2. [2]

(iv) Calcium

- 1.
- 2. [2]

(d) Why is folic acid important in the diet of a pregnant woman?

.....

..... [2]

(e) Suggest **two** ways a parent can help to reduce the amount of sugar in the diet of a child.

- 1.
- 2. [2]

(f) Many parents use ready-prepared food products for their babies.

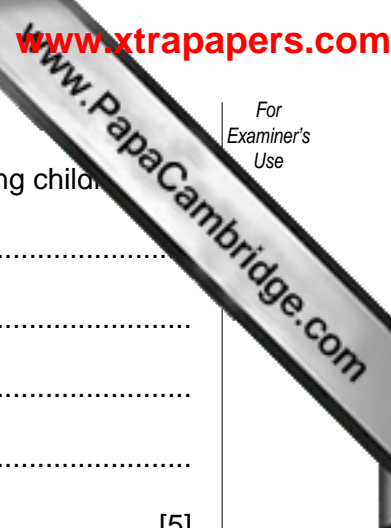
Suggest **two** advantages and **two** disadvantages of using ready-prepared foods.

Advantage 1

Advantage 2

Disadvantage 1

Disadvantage 2 [4]



(g) Explain the points parents should consider when planning meals for young children.

.....

.....

.....

.....

.....[5]

15 (a) Give the meaning of the term 'immunisation'.

.....[1]

(b) Name the **two** ways in which diseases can spread from person to person.

1.

2.[2]

(c) Suggest **three** possible reasons why a child may not be able to have an immunisation or vaccination.

1.

2.

3.[3]

(d) Look at the table below.

Complete the following information:

Disease	Symptoms
	Small red spots which turn to blisters then scab over
Rubella	
	Infection of the spinal cord causing fever and paralysis
Mumps	

(e) Name the **three** diseases which are included in the triple vaccine.

D

T

P[3]

(f) Suggest **three** symptoms of the disease called meningitis.

1.

2.

3.[3]

(g) Describe the term 'incubation period'.

.....

.....[2]

(h) Suggest **two** emergencies that would require urgent treatment from the medical services.

1.

2.[2]

(i) Explain how a parent may keep an unwell child clean, comfortable and occupied during a stay in bed.

.....

.....

.....

.....

.....[5]

16 (a) What is meant by the term 'puberty'?

.....[1]

(b) List **two** changes that occur in the body during puberty for:

a girl

1.

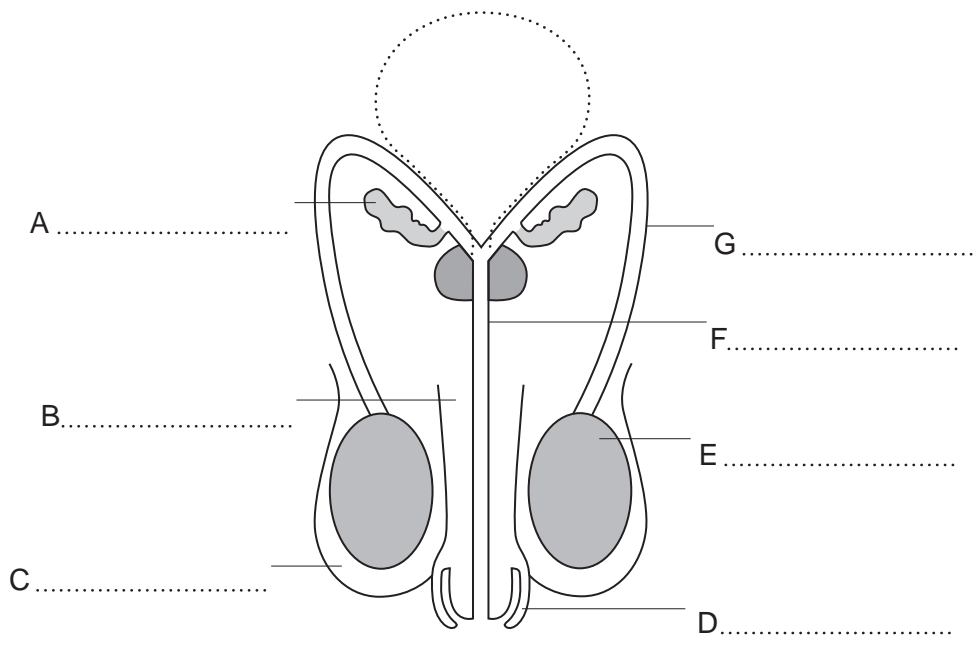
2.[2]

a boy

1.

2.[2]

(c) Look at the diagram below of the male reproductive system.



Label all the parts shown. [7]

(d) Give the meaning of the term 'ovulation'.

.....[1]

(e) On which day of the menstrual cycle does ovulation normally occur.

.....[1]

(f) Hormones play an important part in controlling the reproductive systems.

(i) Name one of the female sex hormones.

.....[1]

(ii) Name the male sex hormone.

.....[1]

(g) The health of a woman before pregnancy is very important.

Suggest **four** points a woman should consider before conception.

1.

2.

3.

4.[4]

(h) When considering starting a family, both partners should be ready to take on the extra responsibility of having a baby.

Explain the factors, other than health, that a young couple should consider before having a baby.

.....

.....

.....

.....

.....[5]

12

Section C

Answer **one** question.

17 A child's intellectual development depends on many factors.

- Describe how a parent can encourage a child's intellectual development.
- Explain the conditions which may hinder a child's intellectual development.

[20]

18 Family planning is now widely available.

- Describe the advantages and disadvantages of **three** different types of contraceptives available from the doctor or clinic.
- Explain the factors a young couple may consider before deciding which method of contraception is suitable for them.

[20]