

Monday 28 May 2012 – Afternoon

**GCSE HOME ECONOMICS
Child Development**

B013/01 Principles of Child Development

Candidates answer on the Question Paper.

OCR supplied materials:

None

Other materials required:

None

Duration: 1 hour 30 minutes



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the bar codes.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **80**.
- Your quality of written communication is assessed in the question marked with an asterisk (*).
- This document consists of **16** pages. Any blank pages are indicated.

1 Formula milk is used by mothers if they choose to bottle feed their babies.

(a) Look at the pictures below which show the steps in making up a formula milk feed.

Give **one** reason for each step when making up a formula milk feed.



Step 1. Wash hands.

Reason



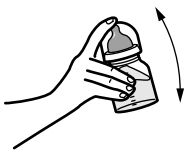
Step 2. Allow boiled water to cool before pouring into bottle.

Reason



Step 3. Measure powder correctly.

Reason



Step 4. Shake water and powder.

Reason



Step 5. Test on inside of wrist.

Reason [5]

(b) Give **three** reasons why a mother may choose to bottle feed her baby.

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

(c) A survey was carried out at a local health centre to find out which methods parents/carers used to sterilise babies' feeding bottles.

Look at the results of the survey below.

Method Used:	Microwave	Steaming	Chemicals
Number of parents/ carers:	250	90	100

- (i) Which method was used by 90 parents/carers in the survey?
..... [1]
- (ii) Give the most popular method of sterilising bottles in the survey.
..... [1]
- (iii) State why it is important to follow the instructions carefully when sterilising feeding bottles.
.....
..... [1]

(d) Many types of day care provision are available.

Explain **three** reasons why parents/carers may choose a childminder to look after their three year old child.

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

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

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

(e) Give **three** types of day care provision for a 3 year old child other than a childminder.

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

Total [20]

2 Cognitive development is also known as intellectual development.

(a) What is meant by the term cognitive or intellectual development?

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

(b) Using the ages below, complete the table to show when a child reaches the intellectual norms or milestones listed.

1 month	3 months	1 year	2½ years
---------	----------	--------	----------

Intellectual Norm or Milestone	Age
Recognises parent/carer	
Constantly asks questions	
Plays with hands	
Copies actions, for example, waving	

[4]

(c) Identify **three** ways play could help intellectual development.

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

(d) The behaviour of children could be affected by life events.

Give **three** life events that could affect the behaviour of children.

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

(e) Although children need discipline, too much could be harmful to a child's development.

Describe **two** ways too much discipline could be harmful to a child's development.

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

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

Total [15]

3* A woman should take care of herself during pregnancy.

- Describe the signs that indicate to a woman that she could be pregnant.
- Explain the factors a woman should consider when choosing clothes for herself in the last three months of pregnancy.

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4 In recent years the number of cot deaths has fallen.

(a) State the meaning of the term cot death.

..... [1]

(b) Give **three** guidelines that parents/carers should follow to reduce the risk of cot death.

1.....

2.....

3..... [3]

(c) A premature baby may need special care in the first days of life.

Explain **three** aspects of special care a premature baby may need.

1.

.....

.....

.....

2.

.....

.....

.....

3.

.....

.....

..... [6]

(d) The growth of teeth is an important stage of a baby's development.

(i) What name is given to a baby's first set of teeth?

..... [1]

(ii) Give the average age at which the first tooth appears.

..... [1]

(iii) How many teeth make up a full set for a three year old child?

..... [1]

(iv) Give **two** signs that show a baby could be teething.

1

2 [2]

Total [15]

5 Contraception plays an important role in family planning.

(a) The combined pill, the diaphragm (cap) and the intrauterine device (IUD) are **three** methods of contraception.

Describe how these **three** methods of contraception work.

(i) Combined pill
.....
.....
.....
..... [2]

(ii) Diaphragm (Cap).....
.....
.....
..... [2]

(iii) Intrauterine device (IUD)
.....
.....
..... [2]

(b) Give **two** advantages of using a **female** condom (femidom).

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

(c) Give **one** disadvantage of using a **male** condom.

..... [1]

(d) Some couples may choose to adopt a child.

(i) Give **three** reasons why a couple may choose to adopt a child.

- 1
- 2
- 3 [3]

(ii) Give **three** key features of adoption.

- 1
- 2
- 3 [3]

Total [15]

14
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15
Additional Page

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16
Additional Page

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