

Tuesday 17 January 2012 – Morning

**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

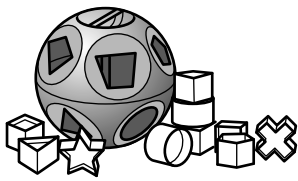
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting 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 Certain toys are suitable for children at different ages.

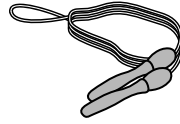
Look at the pictures of toys below.



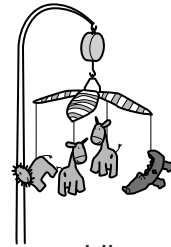
shape sorter



play dough



skipping rope



mobile

(a) Choose **one** toy suitable for each age shown in the table below.

Age	Toy
3 months	
1 year	
2½ years	
5 years	

[4]

(b) What term is used to describe the ages and stages through which children develop?

..... [1]

(c) Explain **three** benefits of bath time for a one year old child.

1.

 2.

 3.

- [6]

(d) Children learn through play.

Identify the types of play shown in the pictures below.

The first one has been done for you.



Child playing in sand

Exploratory play



Children playing with a ball



Children dressing up



Child building a tower with blocks



Child on a slide



Child drawing

[5]

(e) Play allows a child to show positive and negative emotions.

(i) Give **two** positive emotions a child could show when playing.

1

2 [2]

(ii) Give **two** negative emotions a child could show when playing.

1

2 [2]

Total [20]

5
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PLEASE DO NOT WRITE ON THIS PAGE

2 There are many different types of family structure.

(a) (i) Identify the different types of family structure in the pictures below.



Father, Mother and two children



Mother holding small child



Grandparents, parents and children

(ii) Apart from family structure, give **three** other ways families could vary.

- 1
- 2
- 3 [3]

(b) What is meant by the term 'a family'?

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

(c) State **four** needs of a child which are provided by a family.

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

(d) Some children may be fostered.

Describe **two** different types of foster care.

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

Total [15]

3 Breast or formula milk supply all the nutrients needed by a new born baby.

Look at the table below showing nutrients found in breast and formula milk per 100g.

Nutrient per 100 g	Breast milk	Formula milk
Protein (g)	1.2	1.5
Fat (g)	3.8	3.6
Carbohydrate (g)	7.0	7.2
Sodium (mg)	15.0	15.0
Calcium (mg)	125.0	44.0
Phosphorus (mg)	15.0	30.0
Iron (mg)	0.08	0.12

- (a) (i) How much calcium is found in 100g of formula milk? [1]
 - (ii) Which type of milk provides 3.8g fat per 100g?..... [1]
 - (iii) How much protein is found in 100g of breast milk?..... [1]
- Both types of milk contain sodium.
- (iv) Give **one** reason why high levels of sodium could be harmful to a new born baby.
..... [1]

(b) Feeding bottles are used to give a baby formula milk.

Explain **three** features of a well designed feeding bottle.

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

(c) Some families may need the help of a social worker.

Give **three** family issues when a social worker's help may be needed.

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

(d) Families are entitled to state benefits.

Identify **two** reasons why families who are entitled to state benefits may not apply for them.

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

Total [15]

5 Foods provide nutrients that are used by the body to maintain good health during pregnancy.

(a) Complete the table below.

Nutrient	Good food source	Use in the body
	Green leafy vegetables	Making red blood cells
Calcium	Milk	
Fibre		Prevents constipation

[3]

(b) Aromatherapy is one alternative method of pain relief which could be used during labour.

Identify **three** other alternative methods of pain relief available to a mother during labour.

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

(c) Other than pain relief, describe **three** points a pregnant woman could include in her birth plan.

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

(d) Give **three** pieces of equipment parents/carers could buy for a new born baby.

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

Total [15]

