GCSE

4291/01

HOME ECONOMICS: CHILD DEVELOPMENT

UNIT 1: Principles of Child Development

P.M. MONDAY, 13 June 2016

1 hour 30 minutes plus your additional time allowance

Surname _____

Other Names _____

Centre Number _____

Candidate Number 0 _____

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For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	6	
2.	3	
3.	6	
4.	7	
5.	9	
6.	13	
7.	10	
8.	8	
9.	8	
10.	10	
Total	80	

INSTRUCTIONS TO CANDIDATES

Use black ink, black ball-point pen or your usual method.

Write your name, centre number and candidate number in the spaces provided on the front cover.

Answer ALL questions.

Write your answers in the spaces provided in this booklet.

If you run out of space, use the continuation pages at the back of the booklet, taking care to number the question(s) correctly.

INFORMATION FOR CANDIDATES

The maximum mark for this paper is 80.

The number of marks is given in brackets at the end of each question or part-question.

You are reminded that assessment will take into account the quality of written communication used in your answers that involve extended writing.

Answer ALL questions.

1(a) Use the words in the box to label the diagram of the twin foetuses opposite. [4]

CERVIX	AMNIOTIC SAC
PLACENTA	UMBILICAL CORD

1(b) State whether the twins in the diagram are identical or non-identical.
Give a reason for your answer. [2]

Answer: _____

Reason: _____

_____

_____

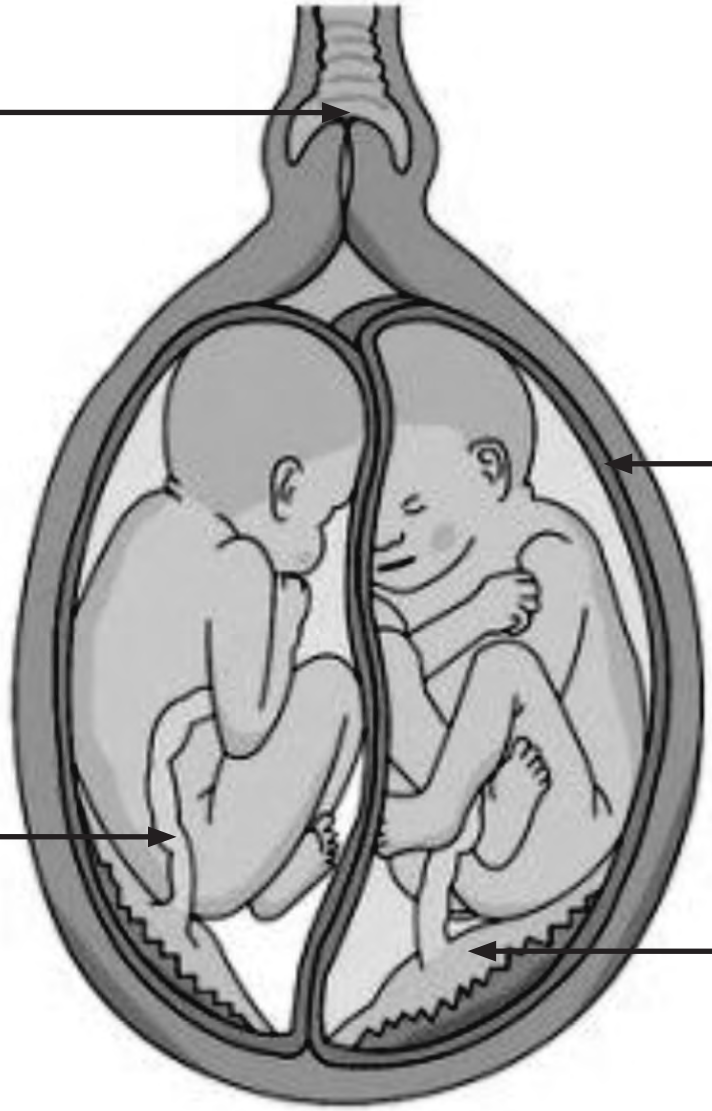
_____

(i) _____

(ii) _____

(i) _____

(iii) _____



2. <u>UNDERLINE</u> the correct words to complete the following sentences. [3]

(a) Contraception means **starting a pregnancy/ taking action to prevent a pregnancy**.

(b) Sterilisation for a man is called a **mastectomy/ vasectomy**.

(c) The fluid that surrounds the baby in the uterus is called **cerebral fluid/amniotic fluid**.

3(a) Complete the following sentences using words from the box. [3]

MENSTRUATION	SEXUALLY TRANSMITTED DISEASES
NATURAL CHILDBIRTH	MENOPAUSE

(i) _____ methods do not use any pain killing drugs.

(ii) _____ can cause damage to the unborn baby.

(iii) _____ usually begins at about 13 years.

3(b) Complete the following sentences. [3]

(i) Low sugar drinks are best for babies because _____

_____

_____

_____

(ii) Protein is particularly important in childhood because _____

_____

_____

_____

(iii) Children need vitamin C because

_____

_____

_____

_____

4(a) State TWO early signs of pregnancy. [2]

(i) _____

_____

_____

_____

(ii) _____

_____

_____

_____

4(b) Give TWO reasons why the placenta is important for the development of the foetus. [2]

(i) _____

_____

_____

_____

(ii) _____

_____

_____

_____

4(c) Identify THREE items of important information that can be obtained from an ultrasound scan during pregnancy. [3]

(i) _____

_____

_____

_____

(ii) _____

_____

_____

_____

(iii) _____

_____

_____

_____

5(a) Name THREE common infectious diseases which children may catch. [3]

(i) _____

(ii) _____

(iii) _____

(b) Identify TWO signs that a child may be feeling unwell. [2]

(i) _____

_____

_____

_____

(ii) _____

_____

_____

_____

5(c) **A 4-year-old child has to be admitted to hospital for an operation.**
Describe ways a parent may prepare a child for a stay in hospital. [4]

6(a) TICK (✓) the box next to EACH statement to show if it is TRUE or FALSE. [3]

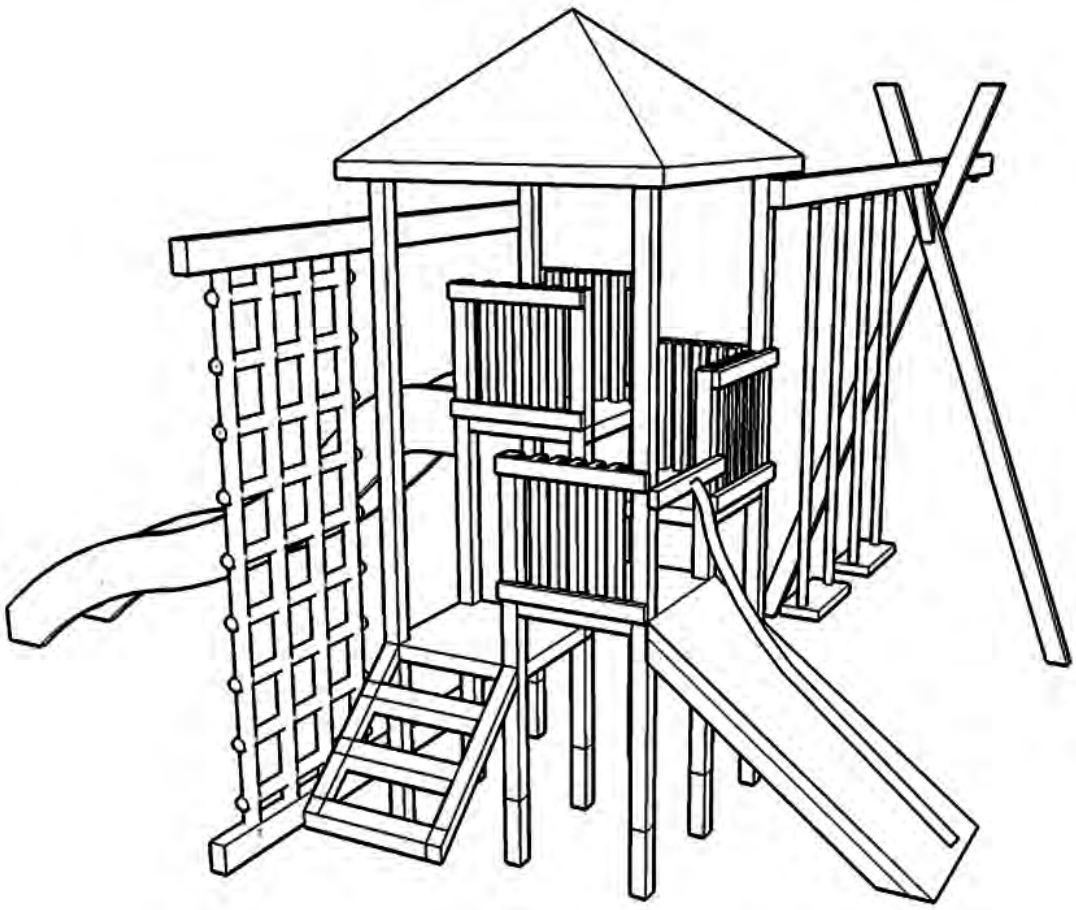
CHARACTERISTIC	TRUE	FALSE
(i) Most babies can sit up without support by the time they are 2 months old.		
(ii) Most babies can walk by themselves by the age of 18 months.		
(iii) At 18 months most young children can use a drinking cup.		

6(b) Explain what is meant by: [4]

(i) Gross motor skills.

6(b) (ii) Fine manipulative skills.

6(c) Look at the picture of a climbing frame.



Explain how playing on this equipment can encourage a child's physical development. [6]

7. Children can live in different types of families.

(a) State TWO reasons why some children live in a one parent family. [2]

(i) _____

_____

_____

_____

(ii) _____

_____

_____

_____

7(b) Describe how the voluntary organisation Gingerbread helps support one parent families.

[2]

7(c) Discuss the benefits of having an extended family. [6]

8(a) Explain what is meant by emotional development. [2]

(b) Discuss how parents/carers can help the emotional development of a young child. [6]

9. Television is part of everyday life.
Assess how watching television can affect a child's development. [8]

10. EITHER

(a) A balanced diet should be introduced in early childhood.
Discuss ways in which healthy eating habits can be achieved. [10]

OR

(b) Some children have special/additional needs.
Discuss the possible effects on a family of having a child with special/additional needs. [10]

END OF PAPER

Question number	Additional page, if required. Write the question number(s) in the left-hand margin.

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