UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

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for the guidance of teachers

0637 CHILD DEVELOPMENT

0637/01

Paper 1 (Theory), maximum raw mark 100

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

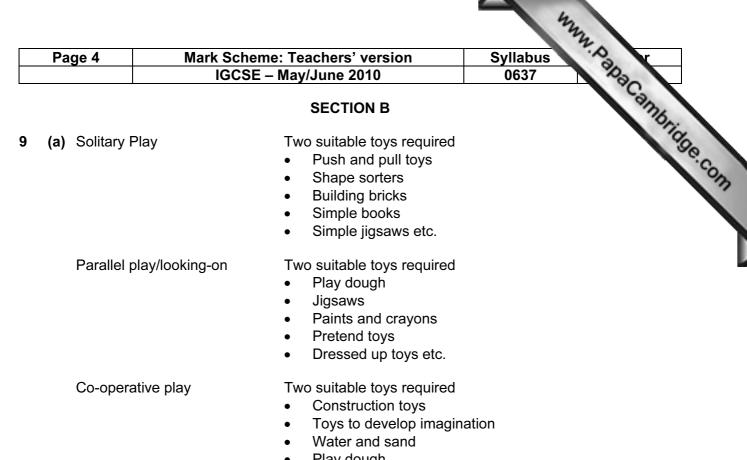
CIE will not enter into discussions or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the May/June 2010 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

Page 2	Mark Scheme: Teachers' version	Syllabus
	IGCSE – May/June 2010	0637 732
	SECTION A	Syllabus 0637 Bhacambridge [1]
One requir		136
• 280 da		
 Average 9 mon 	je 40 weeks	[4]
• 9 11011	115	[1]
Four requir		
	ed or very light period	
 A strar Sicknet 	nge/metallic taste	
	o urinate more often	
	ainting	
	g exhausted	
Consti		
	of certain foods rness/enlarging of breasts/darkening of nipple and are	ola
	sed vaginal discharge etc.	[4]
(i) Ovary		
(ii) Cervix		
(iii) Testis		
(iv) Semer	1	[4]
Three requ	ired:	
•	light bleeding	
	cramp light/severe	
Spottir	lg binkish/clear fluid	[3]
Gushi		[0]
Four requir		
Finance		
	cient space artner left home	
•	r may have had post natal depression	
	nay have been conceived by IVF and no money left	
	s may want to devote attention to one child only	
Partne	r away from home etc.	[4]

Page 3	Mark Scheme: Teachers' version	Syllabus r
	IGCSE – May/June 2010	0637
Four require	٩.	Syllabus 0637 Babacambh
Menstru		76,
MensuuMoody		
Crying		
	about image	
	hirs and hair under arms	
Breasts	develop	
• Growth	spurt in height	
	I thighs widen; fat is deposited	
 Spots or 		
Irritability	/	[4
 Wide va Suitable Books fo Allow free Make it t Playgrout 	gement from a range of people/praise/display work riety of resources available table and chair or copying, joining dots etc. eedom to paint fun up, nurseries and child minders could encourage drawi ild to use preferred hand	ing [4
 Swallow Grasping Walking Startle Moro ref Blinking 	th description: ing/sucking g /stepping lex or falling	
Rooting		[1 + 1 × 3 = 6
		[1 + 1 × 3 = 6

[Total: 30]



- Play dough
- Activity books etc.

 $[1 + 2 \times 3 = 9]$

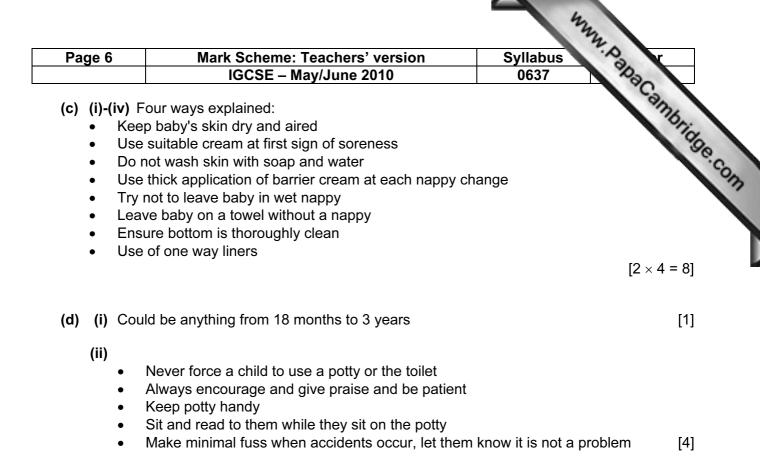
(b) Four safety points with reasons:

- Check new toys for safety marks
- Buy from reputable shops
- Check second hand toys carefully
- Avoid toys with small detachable pieces
- Follow instruction
- Check age recommendations
- Check toys regularly
- Avoid metal toys
- Throw out broken toys
- Avoid toys with loose hair or fur
- Any other suitable point and reason

- to know they have been tested for safety
- quality products
- to ensure no dangerous sharp edges etc.
- pieces in ears etc.
- to use correctly
- to ensure fit for purpose
- to check for wear and tear
- to avoid the risk of the child injuring themselves
- so they can't cut themselves
- to prevent choking

 $[1 + 1 \times 4 = 8]$

Pag	ge 5		Syllabus Syllabus	
		IGCSE – May/June 2010	0637 230	
(c)	One	e full explanation required or two points	am	5.
	(i)	Help with fine motor skillsHand-eye co-ordination (pop-up activity books)Relaxing	Syllabus 0637 BahaCame	[2]
	(ii)	Bonding with parentsQuality timeSharingDiscussion		[2]
	(iii)	 Increase vocabulary Improve reading Encourage imagination and curiosity Give information 		[2]
	(iv)	 Explore feelings Talk about fears Explore sensitive issues Sense of enjoyment Allow children to relax 		[2]
(a)	• • •	r required: Fashion/trends Mother's personal circumstances Availability Cost Environment Washing/drying facilities at home etc.		[4]
(b)	Two	advantages and two disadvantages of each:		
	(i)	Disposable		
		Very absorbent Expe Very convenient/no washing Bulk No folding/pinning/no liners/no plastic pants	advantages: ensive xy to store for the environment etc.	[4]
	(ii)	Reusable		
		Kinder to the environment etc. Have abso Diffic	e to be sterilised and laundered e to be changed more often/less orbent cult to use when away from home t money to launder etc.	[4]



[Total: 50]

Page 7	Mark Scheme: Teachers' version	Syllabus Man	
	IGCSE – May/June 2010	0637	Da
	SECTION C Answer <i>one</i> question.		apacambridge:
	Answer either part '11a' or part '11b' of thi	s question.	.9e
influenc	evel response will cover all available choices and di ing her choice. Im level response will cover some choices and a les		[12–20]
of reaso	•		[7–11] [0–7]
Choices	are between hospital and home (and Domino Sch	eme):	

Hospital:

- Trained staff available
- If baby becomes distressed, equipment and staff will be immediately available, which could save the baby's life.
- Epidural, forceps, ventouse and caesarean deliveries would have to be carried out in hospital
- Mother and partner feel reassured by the 'safe environment' and secure if emergency arose best place for an emergency
- After the birth the mother has a constant support of midwives to assist with breast feeding and any worries
- Mother can have a break by midwives taking baby to the nursery
- Mother will not become exhausted by having too many visitors
- Comforted by other mothers who have shared experiences and worries
- No worries of home life-phone, visitors, shopping, cooking, cleaning etc.

Home:

- Family can be involved, particularly if there are other children
- More relaxed in own home with familiar surroundings, without lots of people watching the birth
- No transportation required
- Can have midwife bring TENS, gas and air and pethidine to home
- Can hire a birth pool at home
- Can move about anywhere at home
- Mother can choose her own routine, mealtimes etc.
- May have less interference from medical staff; mother will be able to deal with newborn baby as she wishes
- May have built up a good relationship with midwife who will deliver the baby at home, etc.

Domino Scheme:

- Home as long as possible
- Relaxed labour at home (midwife present)
- Safe delivery in hospital
- Returns home quickly (within 6 hours)

[Total: 20]

Page 8	Mark Scheme: Teachers' version	Syllabus	· 2 ·
	IGCSE – May/June 2010	0637	1020
A clear u A mediu A low lev	evel response will include: nderstanding of all the negative and positive influence m level response may not cover all influences, or o vel response will lack depth and not answer the que may include:	over one in grea	

(b) A high level response will include:

Returning to work:

Positive influences

- Keep up with career
- Enjoy companionship of other colleagues and adults
- Gets out of the house
- May have felt unhappy and depressed at home
- More money for luxuries
- Mother financially independent
- Part-time hours allow more time with child
- Still in control of some of child's day
- Can still attend some toddler groups etc.
- Parent has time to relax etc.

Negative influences

- Not in control of care of children
- Little time to see children
- Too tired to give children attention
- Children may have closer bond with carer
- May find it difficult to relax
- Expectation of work and family may conflict
- If part time parent does not fit into work with children
- May have to change lifestyle
- Wage may just cover child care etc.

Staying at home:

Positive influences

- More time at home with children/family
- Easier to attend functions at toddler group etc.
- No child care costs
- Easier to breastfeed
- Available to make daily decisions regarding upbringing
- Able to see all steps in development
- Bonding etc.

Negative influences

- Less income
- Less contact with adults
- Lose career
- Resentment
- Loss of confidence etc.