UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

# www.papacambridge.com MARK SCHEME for the May/June 2012 question paper

# for the guidance of teachers

# 0637 CHILD DEVELOPMENT

0637/01

Paper 1 (Theory Paper), 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.

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

Cambridge is publishing the mark schemes for the May/June 2012 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 Syllabus			
		IGCSE – May/June 2012	0637 230			
e	ction A		Syllabus 0637 0637 0637			
	<b>(a)</b> Umbil	lical cord	e e e e e e e e e e e e e e e e e e e			
		inks baby with placenta				
		ontains blood vessels				
		akes away waste from baby				
		arries nutrients				
	• et	tc.				
			[Any 2 for 2 mar			
	(b) Amnic	atio fluid				
	• •	nables foetus to float freely in early stages				
		llows limbs to stretch and flex				
		eeps constant temperature 37°C or body temperature	e			
		o protect foetus/acts as a cushion.				
	• et	tc.				
			[Any 2 for 2 mar			
	(c) Place	nta				
		onveys nutrients to the baby				
		upplies oxygen				
		ets rid of waste				
	• et	tc.				
			[Any 2 for 2 mar			
	(1) The n	eck of the uterus opens				
		aby passes through the birth canal				
	(3) The b	aby becomes a separate person. Membranes, cord,				
	Minor cut.	(Any two points from each)				
		/ash with clean water				
		ry by patting with clean cloth				
	Cover with a dry dressing and bandage					
	A nose bleed					
		it upright				
		inch soft part of nose for about ten minutes				
		epeat if necessary				
	Take to hospital if bleeding does not stop					
	A minor burn					
	<ul> <li>Hold burn area under running cold water/bowl of cold water containing ice cubes</li> <li>Carry out either of the above for ten minutes</li> </ul>					
		arry out either of the above for ten minutes. at dry				
		over with gauze dressing				
		tc.				
			[3 × 2 = 6 mar			

Page 3	Mark Scheme: Teachers' version	Syllabus	Nr.
	IGCSE – May/June 2012	0637	
Any five from	:	Syllabus 0637 0637	an
Shape of the body			On:
	ur of skin, hair and eyes		.9
<ul> <li>Bloo</li> </ul>	d group		
• The	age teeth appear		
	of hands and feet		
	maximum height to which a child grows		
• etc.			
		[5	5 marks]
		[2	2 marks]
(b) Any thre	e from:		
Still	seems hungry and restless after a feed		
	es early/before the next feed/is ready for the next	feed	
	s to suck fist		
-	<i>i</i> is getting bigger and developing fast		
<ul> <li>Baby</li> </ul>	/ is showing an interest in food	T.	)
		[3	3 marks]
Any five from	:		
• Anae			
<ul> <li>Bloo</li> </ul>	d group		
Rhee	sus factor		

- Rhesus factor
- Immunity to rubella
- Hepatitis B
- HIV
- etc.

[5 marks]

[Total: 30]

Page 4	Mark Scheme: Teachers' version	Syllabus 0637 Apac
	IGCSE – May/June 2012	0637 %
• • •	plained points required, at least two on each area.	ambr
	ep food cold – to slow down the rate of bacterial grover ep food covered – to protect from dust, dirt and flies	with
• Wa	ash hands thoroughly and dry on a clean towel – to e food	
• Ke	ep kitchen clean – to stop bacteria on surfaces gettir	ng into the food
<ul> <li>Do foc</li> </ul>	o not sneeze or cough over food – to stop bacteria fro od	om nose and throat getting into th
	war auto ata baataria in waynd will not gat into tha	food

- Cover cuts etc. bacteria in wound will not get into the food
- Do not lick fingers or smoke to prevent bacteria from fingers or ash getting into the food
- Keep raw meat separate e.g. chicken may contain food poisoning bacteria which could get into cooked food
- Cook food thoroughly food must be cooked right through to make sure all bacteria are killed
- Check dates on food to be aware when foods are safe to eat
- etc.

[6 × 2 = 12 marks]

[3 marks]

[3 marks]

### (b) Bedroom. Any three from:

- Put safety catches on windows
- Use lockable tilt and turn windows
- Have good lighting
- Good storage space to avoid clutter
- Keep tables, chairs and beds away from windows etc.

Stairs. Any three from:

- Safety gates at top and bottom
- Secure carpet
- Good clear lighting
- Check for wear and tear on floor covering
- Do not leave anything on stairs etc.

Out of doors. Any three from:

- Remove poisonous plants etc.
- Cover ponds etc.
- Check fences for gaps
- Keep tools and chemicals locked up
- Secure rubbish bins etc.
- Keep toys in good condition, secure climbing frames etc.
- Place swings etc. on a soft surface

[3 marks]

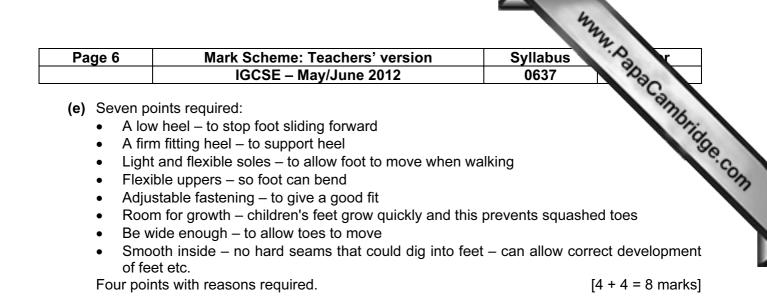
Page 5	Mark Scheme: Teachers' version	Syllabus r
	IGCSE – May/June 2012	0637 230
Exercis • Stre • Hel • Hel • etc. Good d • Cor • Lov	engthens and develops muscles ps to prevent obesity ps to sleep soundly at night	Syllabus 0637 Babacambh
	v salt	[4 marks
<ul> <li>Cor</li> <li>Ava</li> <li>Cor</li> <li>Eas</li> <li>Hel</li> <li>Wa</li> <li>Car</li> </ul>	e from: ick and easy to use mes in various sizes to fit the baby ailable for day and night mfortable, stretch waist sy to fasten ps to prevent nappy rash terproof outer n be recycled aple to dispose of, just throw away etc.	[5 marks
<ul> <li>Not</li> </ul>	ensive environmentally friendly posal problems in home/society	
(c) A discu • Loc • Eas • Eas	ssion required, points should include: bse and comfortable sy to put on and take off sy to wash and dry htweight, soft and warm/cool	[2 marks

- Non-irritant •
- Porous •
- Flame resistant ٠
- No long ties/loose attachments •
- etc. •

8 marks available – discussion should contain four points to gain full marks.

(d) Child needs shoes when they start to walk/protect feet against damage or to keep them warm/dry.

[1 + 1 = 2 marks]



[Total: 50]

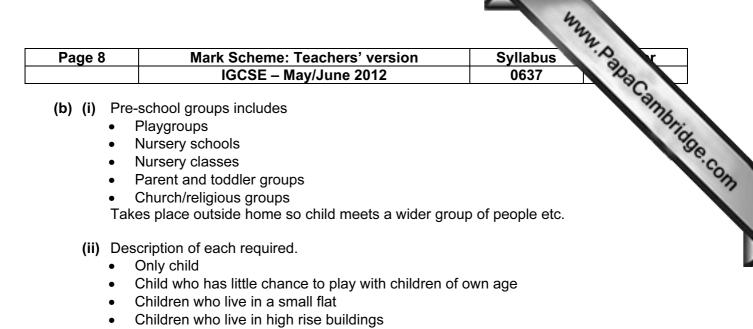
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Page 7		Mark Scheme: Teachers' version	Syllabus 🔪	Po V
		IGCSE – May/June 2012	0637	No.
Section C				Canadia
Either part <b>(a)</b>	or pa	art <b>(b)</b>		1050
13–20 marks 7–12 marks 0–6 marks	Conn			

## Section C

- 13–20 marks High response – each section answered fully
- Medium response each part attempted or parts answered in detail 7–12 marks –
  - 0-6 marks -Low level response - answers lack detail or brief responses.
- 9 (a) (i) Answers may include in discussion some of the following – a list would not gain full marks Through play children are allowed to:
  - Discover •
  - Experiment
  - Create
  - Concentrate
  - Express ideas
  - Develop speech
  - **Develop muscles**
  - Invent
  - Learn new skills
  - Learn how to share
  - Role-play
  - Cooperate with others

Play prevents boredom reduces stress Play diverts aggressive instincts

- (ii) This should not be a list. Clear suggestions should be given. Points relating to physical
  - development include: Right age for child
  - Strong enough to play with
  - Provide more than a temporary interest/appealing
  - Safe to play with/meets safety standards
  - Sufficient room for safe play
  - Suitable safe position for e.g. climbing frame, trampoline etc.
  - Suitable safe construction
  - Suitable safe materials
  - etc.



- Children whose parents have difficulty in managing
- Children who do not have many toys at home
- Children from overcrowded homes
- Neglected children etc.

(iii)

- Socialisation
- Independence
- Language
- Physical development
- etc.

[Total: 20]