



GCSE

Home Economics Child Development

General Certificate of Secondary Education

Unit **B013**: Principles of Child Development

Mark Scheme for January 2012

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Mark schemes should be read in conjunction with the published question papers and the Report on the Examination.

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Annotations

Annotation	Meaning
✓	correct response
SEEN	Extended writing seen and read

Mark scheme

Question		Answer	Marks	Guidance										
1	(a)	<table border="1"> <tr> <td>Age</td> <td>Toy</td> </tr> <tr> <td>3 months</td> <td>Mobile</td> </tr> <tr> <td>1 year</td> <td>Shape sorter</td> </tr> <tr> <td>2 ½ years</td> <td>Play dough</td> </tr> <tr> <td>5 years</td> <td>Skipping rope</td> </tr> </table>	Age	Toy	3 months	Mobile	1 year	Shape sorter	2 ½ years	Play dough	5 years	Skipping rope	4x1	
Age	Toy													
3 months	Mobile													
1 year	Shape sorter													
2 ½ years	Play dough													
5 years	Skipping rope													
	(b)	Norms/milestones.	1											

Question		Answer		Marks	Guidance
	(c)	Explain some benefits of bath time for a one year old child.		6 3x2	
		Opportunity for child's skin to be checked by parent/carer	To spot any infections/conditions needing treatment for child		Mix and match
		Freedom	No clothes to restrict movements		
		Learn simple concepts	Playing with water/toys/volume/floating		
		Exercise	Kicking and splashing with arms and legs		
		Fun	Enjoyment of splashing/different toys		
		Relaxing/ready for bed	Warmth can calm a fractious child/soothe ready for sleep		
		Bonding	Quality time with parent/carer /time to talk or play with child		
		Feel refreshed/convenient/enjoyable way to be washed	Being clean/use of bubble bath at same time		
		Hygiene	Keep free from infections/bacteria/clean skin		

Question		Answer	Marks	Guidance
	(d)	   <u>Exploratory play</u> <u>Social play</u> <u>Imaginative play</u>    <u>Fine/Manipulative play</u> <u>Physical play</u> <u>Creative play</u>	5x1	
	(e) (i)	Happiness Joy Pleasure/pleased Pride Love Excitement Contentment/calmness Humour/giggly/smiling/laughing Kindness Generosity/sharing/co-operation Confidence Patience Satisfaction	2x1	

Question		Answer	Marks	Guidance
	(ii)	Anger Guilt Hate/spiteful Jealousy Impatience/frustration/confusion Sadness/crying/upset Unhappy Rage/cross/temper tantrum/annoyed Anxiety Fear Loneliness/lonely/feeling alone Selfish/self centred Aggression (all types of hitting kicking etc) Boredom	2x1	
		Total 20		

Question		Answer	Marks	Guidance
2	(a) (i)	 Nuclear  Lone/single/one parent  Extended	3x1	

Question		Answer	Marks	Guidance
	(ii)	Financial/wealth Health/special needs/disability Age range Size/how many people Housing/living conditions Occupation Religion Culture/country of birth Ethnicity/racial groups Views/values/beliefs/customs Food/eating patterns Location of family home Roles of people within a family	3x1	
	(b)	A basic unit of society/group of people related by marriage/adoption or blood/one or more parents with child/genetically/biologically/DNA related	1	Do not accept “a group of people”
	(c)	Shelter/home Food Warmth Clothing Hygiene/cleanliness Fresh air/sunshine Love Security/safety/protection Support/encouragement/praise Role model/values/training/discipline/guidance Rest/sleep Socialisation Opportunity to learn/stimulation/play/talk to/give attention/educate Stability	4x1	

Question		Answer		Marks	Guidance
	(d)	Two types of foster care with matching descriptions required.		4 2x2	
		Type of foster care	Description		
		Emergency	When children at risk need somewhere safe for a few nights		
		Short term	Child looked after for a few weeks/months while plans are made for child's future/home problems are sorted/temporary/family gets paid		
		Short breaks/respite	Child with long term illness/Special needs - child stays with a family to give own family a break		
		Long term	Children who do not want to be adopted stay in long term care until adulthood		
		Specialist therapeutic	For children with complex needs/challenging behaviour		
		Family/friendship/kinship	Lives with a family member if parent/carer has died		
		Total		15	

Question		Answer		Marks	Guidance
3	(a) (i)	44mg.		1	Answers must include units
	(ii)	Breast.		1	
	(iii)	1.2 g.		1	Answers must include units
	(iv)	Damage to kidneys/kidneys not mature enough to cope with large quantities/ cause dehydration.		1	
	(b)	Three features with matching explanations required.		6 3x2	
		Wide neck Measure on the side Easy to read measures Cap/lid Clear plastic	Easy cleaning/easy to fill Accurate measuring Prevent mistakes/know how much milk baby has taken To keep teat clean Ensure bottle is clean		Can mix and match explanations as long as they are accurate
		Sealing disc Designed to allow teat to be placed upside down in bottle for travelling/storage Shaped bottle	Keep sterile/to prevent contamination/bacteria entering Prevent spillage/leakage Easier to grip/hold when feeding		

Question		Answer		Marks	Guidance
		Correct size of teat/hole of teat	Too small creates frustration, too large lets in too much air		
	(c)	Parenting problems/parents not coping Special needs child Financial problems Violence in the home Child protection/abuse/at risk Neglect Housing problems/unsafe/damp Provision of statutory services/signposting Advocacy Assessment Long term illness/death/in hospital Fostering/work with foster parents.		3x1	Illness must be qualified
	(d)	They do not know what benefits are available Not aware to what they are entitled/ignorance Forms too difficult /don't understand how to complete Language barrier/poor English Poor literacy skills/cannot read or write/illiterate Embarrassment/seen as charity or handout/too proud/think they don't deserve it Frightened to ask Don't know who to ask/where to go to ask.		2x1	
		Total		15	

Question		Answer		Marks	Guidance	
					Content	Levels of response
4		Rear facing baby seat	Group 0: for babies up to 10 kg (22 lbs) from birth to 6-9 months or Group 0+: for babies up to 13kg (29lbs) roughly from birth to 12-15 months. They can be used in the front or rear of the car. It is safer to put them in the rear. DO NOT put them in the front seat if there is a passenger airbag. Rearward-facing seats provide greater protection for the baby's head, neck and spine than forward-facing seats.		<p>Marks are allocated according to the quality of the response. Candidates should be able to show their depth of knowledge and understanding, using correct terminology.</p> <p>In order to achieve a High Level response, both areas must be addressed in detail.</p> <p>A candidate answering only one part of the question well remains in the Limited Response level and can access up to 7 marks only. Must be answered well, with clear descriptions and/or explanations.</p> <p>If candidates respond by giving answers in a list, they remain in the Low Level response.</p> <p>Bullet point sentences can achieve up to the Limited Response level only.</p>	<p>High Level Response 13-15 The candidate describes in detail types of child restraints for children when travelling in a car and gives comprehensive explanations of the different safety labels found on items that could be bought for a child. The information will be presented in a clear and organised way. A whole range of specialist terms are used with precision. The candidate can demonstrate the accurate use of spelling, punctuation and grammar.</p> <p>Good/Satisfactory Response 9-12 The candidate describes some types of child restraints for children when travelling in a car and give some explanations of the different</p>

Question		Answer	Marks	Guidance	
				Content	Levels of response
		Forward facing child seat	Group 1: for children weighing 9-18 kgs (20-40 lbs) from 9 months - 4 years approx. Seat has an integral harness, the large area of the harness helps to reduce the risk of injury if there is a crash. The bottom attachment between the legs will also prevent the child from sliding under, and out of, the harness. They can be used in the front or rear of the car, but it is safer to put them in the rear, especially if there is a passenger airbag in the front.		<p>safety labels found on items that could be bought for a child. Information will be offered to support the answer but in general terms with little detail. The information will be offered in a structured format.</p> <p>The candidate can use a range of specialist terms with facility. There may be occasional errors in spelling, punctuation and grammar.</p> <p>Limited Response 5-8</p> <p>The candidate gives some valid types of child restraints for children when travelling in a car and/or the different safety labels found on items that could be bought for a child, but explanations may lack detail. Some information will be relevant. The candidate uses some specialist terms, although these may not always be used appropriately.</p> <p>There may be errors in spelling, punctuation and grammar.</p>

Question		Answer		Marks	Guidance	
					Content	Levels of response
		Booster seat	Group 2: for children weighing up to 15kg, 4 to 6 years approx. Booster seats with adult seat belt that goes around the child and the seat. So it is important that the seat belt is correctly adjusted. The basic points to note are: the belt should be worn as tight as possible, the lap belt should go over the pelvic region, not the stomach, the diagonal strap should rest over the shoulder, not the neck.			Low Level Response 0-4 The candidate is likely to give limited, muddled or incorrect answers generally with no real knowledge. Answers may be in the form of a list. Answers may not always relate to the question. Answers may be ambiguous or disorganised. There will be little or no use of specialist terms. Errors of grammar, punctuation and spelling may be intrusive.
		Booster cushion	Up to 22kg or 6-11 years to be raised high enough to see out of window and used with an adult seat belt.			

Question		Answer		Marks	Guidance	
					Content	Levels of response
		<p>Carry cot restraints/baby safe sleeper</p> <p>Isofix with child seat</p> <p>Child proof door locks/child locks on door</p> <p>Window locks</p>	<p>Must have hard sides/baby laid flat/ fitted with a special belt or harness/placed on rear seat.</p> <p>ISOFIX (International Standards Organisation FIX) is a new standard for car seat installation that's being adopted by car seat manufacturers worldwide. The system operates through ISOFIX points on the back of the child car seat that plug into ISOFIX fittings in the car, creating a solid link between the child's car seat and the car.</p> <p>To prevent child getting out or opening door when travelling</p> <p>To prevent child putting out head/limbs or climbing out</p>			
		<p>British Standards Kitemark/ BSI label/BSI mark/BSI</p> <p>BEAB</p>	<p>On a range equipment eg cots/prams/high chairs/car seats etc. Checks an agreed standard it will do its job safely and correctly. Tests quality/ design features/materials/ suitability.</p> <p>Electrical equipment, tested for electrical safety/fire risk.</p>			

Question		Answer		Marks	Guidance	
					Content	Levels of response
		CE	Found on toys/ meets the standards of the EU. Textiles both inside and outside must be non flammable/plastics, metals and paints used are non toxic.			
		Lion mark	On toys made in the UK /meets safety requirements of the British Toy and Hobby Association.			
		Age advice Symbol	On toys unsuitable for children under 3 years old/ small parts.			
		Low Flam	On children's clothes made from terry towelling which is very flammable. Must show if they have passed a Low Flam test.			
		Keep away from fire	Written in capital red letters to show extreme care is needed as fabrics are not slow burning.			
		Warnings on food packets	Allergy advice eg nuts			
				Total 15		

Question		Answer	Marks	Guidance												
5	(a)	<p>Complete the table below.</p> <table border="1"> <thead> <tr> <th>Nutrient</th> <th>Good food source</th> <th>Use in the body</th> </tr> </thead> <tbody> <tr> <td>Iron</td> <td>Green leafy vegetables</td> <td>Making red blood cells</td> </tr> <tr> <td>Calcium</td> <td>Milk</td> <td>Strong bones/strong teeth Prevent rickets</td> </tr> <tr> <td>Fibre</td> <td>Fruit/veg/named fruit or veg/wholegrain cereals/brown rice/brown pasta/wholemeal bread/nuts</td> <td>Prevents constipation</td> </tr> </tbody> </table>	Nutrient	Good food source	Use in the body	Iron	Green leafy vegetables	Making red blood cells	Calcium	Milk	Strong bones/strong teeth Prevent rickets	Fibre	Fruit/veg/named fruit or veg/wholegrain cereals/brown rice/brown pasta/wholemeal bread/nuts	Prevents constipation	3x1	
Nutrient	Good food source	Use in the body														
Iron	Green leafy vegetables	Making red blood cells														
Calcium	Milk	Strong bones/strong teeth Prevent rickets														
Fibre	Fruit/veg/named fruit or veg/wholegrain cereals/brown rice/brown pasta/wholemeal bread/nuts	Prevents constipation														
	(b)	<p>Music Homeopathy Acupuncture Reflexology Hypnosis/hypnotherapy Water pool/water birth/warm water Move about/walk about/change position Birth ball Yoga/Pilates/meditation TENS. Massage</p>	3x1													

Question		Answer	Marks	Guidance
(c)		Three different points with matching descriptions required.		6 3x2
		Where	At home/ hospital/consider previous history/complications during pregnancy	
		Delivery Options	In bed/water birth/music playing/caesarean/vaginal delivery/who is to cut cord/baby given to partner or put straight on to stomach/breast after birth/skin to skin contact straight away or baby washed first	
		Who	Who mother would like to be present during birth eg partner/mother/friend etc	
		Position	Sitting/squatting/standing/ where would you prefer partner to be	
		If things don't go to plan	If she would prefer forceps/caesarean by epidural or general anaesthetic	
		Consent	Consent to have student nurses/midwives/Doctors present	
		Religion/culture	Any special observances	
		Diet	Any special diet/ foods to avoid	

Question		Answer	Marks	Guidance
		<p>Feeding the baby Whether to breast or bottle feed</p> <p>Monitoring baby's heartbeat If wants the belt strapped around waist/continuous or intermittent</p> <p>Vitamin K injection Whether baby is given it straight after birth or later/or given at all</p>		
	(d)	<p>Baby monitor/alarm Cot/crib/cradle Moses basket/carry cot/travel cot Pram Infant carrier/baby carrier/baby seat/child seat Baby bath Changing mat/changing table/changing unit Bottle/steriliser/breast pump Baby nest Pouch/sling Bouncing cradle/bouncing chair</p>	3x1	
		Total	15	

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