

Cambridge National Child Development

Unit **R018/01:** Health and well-being for child development Level 1/2 Cambridge National Certificate in Child Development

Mark Scheme for January 2019

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This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by examiners. It does not indicate the details of the discussions which took place at an examiners' meeting before marking commenced.

All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

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

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These are the annotations, (including abbreviations), which are used when marking R018

Annotation Meaning of annotation				
ВР	Blank Page – this annotation must be used on all blank pages within an answer booklet and on each page of an additional object where there is no candidate response.			
	Tick – correct answer			
×	Cross – incorrect answer			
√ .	Development of point (only for use on questions where stated in the mark scheme)			
L1	Level 1			
L2	Level 2 Place the Level annotation on the left hand margin.			
L3	Level 3			
BOD	Benefit of doubt (This does count as a mark – so do not 'tick' as well)			
	Omission mark			
TV	Too vague			
REP	Repeat			
SEEN	Noted but no credit given / zero mark response			
No Response (NR)	Award NR if the question has not been attempted			

ADDITIONAL OBJECTS: You **must** annotate responses on any additional objects, as above. ('Additional objects' are continuation sheets.) If no credit is to be awarded for the answer written on the additional object, please use the annotation '**seen**'. If the page is blank use '**BP**'.

Q	Question		Answer		Guidance
1 1	1 (a)		One mark for identification of the safety feature. One mark for a reason. Safety feature	Mark 2 (2x1)	Guidance The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following:
			 prevents children from pulling pans off the cooker/stove. prevents children from grabbing/pulling pans over so he can't reach any hot pans 		Do not credit Vague answers such as:

Question			Answer	Mark	Guidance
1	(a)	(ii)	One mark for a safety feature identified. Four required. oven door lock/washing machine lock/fridge door lock cupboard/drawer locks corner cushions electric socket cover safety cables for small appliances safety gate radiator covers smoke / carbon monoxide alarms coiled kettle flex/no hanging flexes fire extinguisher/blanket child locks on bottles first aid kit child resistant waste bin non-slip floor covering Accept other appropriate safety features.	4 (4x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: Allow other valid safety features. Must be a safety 'feature' NOT an 'action' or 'way' such as: 'knives kept out of reach' or 'bleach out of reach'

Ques	stion	Answer	Mark	Guidance
1	(b)	Two marks for a way explained. Two required.	4 (2x2)	The number of ticks must match the number of marks awarded.
		 hold child's hand at all times find safest place to cross always cross road at a zebra/pelican crossing/school crossing patrol avoid crossing between parked cars when it is safe, go straight across the road do not run across the road/on the pavement keep looking left and right while crossing the road follow the green cross code teach him to look both ways have him walk on the inside with parent on the side nearest the road provide bright reflective clothing so he can be seen Credit other appropriate ways/reasons.		For incorrect answers use the cross or appropriate annotation from the following: TY REP SEEN Answers must include a 'way' with an explanation / reason why. Do not credit: Repeat explanations. Vague answers such as: 'cross where it is safe' (where? why is it safe?) watch road safety videos
		Example explanations: Priya and Andrew could hold Arjun's hand (1) when walking on the pavement to prevent him from running into the road (1).		
		When crossing the road, Priya and Andrew could use a zebra crossing (1) so that the traffic stops (1) before they cross.		
		When crossing the road, Priya and Andrew could find the safest place to cross (1) so they have a clear view of the road/traffic approaching (1)		
		Priya and Andrew should find the safest place to cross (1) so they have the shortest distance across the road. (1)		

Question			Answer	Mark	Guidance	
1	(c)		for identification of a condition. Two required. mark for why it is important. Two required.	4 (2x1 +	The number of ticks must match the number of marks awarded.	
		Conditions	Why it is important for Arjun's development	2x1)		
		Cleanliness / good hygiene	so Arjun does not get an infection / illness		For incorrect answers use the cross or appropriate annotation from the following:	
		Exercise	 is good for Arjun's physical health to help build his fitness to prevent him becoming overweight / obese 		TY REP SEEN	
		Fresh air	 is good for his physical well-being 			
		Good nutrition / food	healthy and balanced dietprevents obesity and diet related illness		A count of the common of the coeffei	
		Love and security	so he feels emotionally secure / safeto help his self-esteem		Do not credit: • repetition of same reasons why it is important • more than one condition – should be a condition and a reason	
		Need for boundaries / discipline	consideration of otherssocialisationright and wrong			
		Opportunities to listen and talk / communication	 to help with Arjun's social, intellectual and language development 			
		Praise Routine	develops self-confidencepositive reinforcement		 'needed to successfully grow and develop' as a reason – it is in the questio 	
			 to give Arjun a feeling of security 		If more than one condition is given credit the first one stated. Note: If the condition is wrong but 'why it is important' is correct, it can be credited	
		Shelter / home	emotional securityphysical well-being			
		Stimulation and opportunities to play	 this will help with Arjun's social interaction / skills opportunity to develop friendships 			
		Warmth	 so he does not fall ill / get a chill so he does not develop hyperthermia to provide him with a healthy environment 			
		Rest / sleep	is good for physical and emotional wellbeing			

Que	stion	Answer	Mark	Guidance		
2	(a)	One mark for identification of a factor. Three required.	3 (3x1)	The number of ticks must match the number of marks awarded.		
		Factors to consider before starting a family:				
		relationship between partners		For incorrect answers use the cross or appropriate annotation from the following:		
		finance / child care costs				
		child care practicalities / availability		TY REP SEEN		
		housing situation				
		work situation / career / leave / prospects		Credit:		
		parental age		Named hereditary diseases.		
		peer pressure				
		social expectations		Accept other valid factors.		
		 genetic counselling for hereditary diseases (e.g. Downs Syndrome, cystic fibrosis, sickle cell anaemia, muscular dystrophy) 				
		health – physical / mental illnesses				

- · ·		Guidance			
Question Answer	Mark	Content	Levels of response		
B* Good pre-conception health, answers could include: Diet	8	Annotation: The number of ticks will not necessarily correspond to the marks awarded Level 3 - checklist	Level 3 (7–8 marks) Answers will provide a detailed explanation of at least two examples of ways of ensuring good pre-conception health. Answers are coherent, clear and logically structured. There will be few, if any, errors of grammar, punctuation and spelling. Level 2 (4–6 marks) Answers will provide some explanation of one or two ways of ensuring good pre-conception health. Answers are presented with some structure and are relevant to ensuring good pre-conception health. There may be some errors of grammar, punctuation and spelling. Sub-max of 4 if just one way of ensuring good pre-conceptual health done well or several not fully developed. Level 1 (1–3 marks) Answer provides examples of ways but these may not be explicitly linked to ensuring good pre-conceptual health. Answers may be list like, muddled, demonstrating little knowledge or understanding. Errors of grammar and spelling may be noticeable and intrusive. 0 marks – response not worthy of credit		

Ques	stion	Answer		Mark	Guidance	
Ques	(c)		W	on. Three required. Name Placenta Umbilical cord	3 (3x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross. These are the only acceptable answers. If more than one answer is given in a box, credit the first
		С		Amniotic fluid		answer given.
		D		Embryo		

Question		Answer	Mark	Guidance	
3	(a)	One mark for each health professional.	One mark for each health professional.		The number of ticks must match the number of marks awarded.
		Role	Health Professional		
		A specialist in the care of pregnant women and child birth who can perform Caesarean sections.	Obstetrician		For incorrect answers use the cross.
		A doctor who is a specialist in the female reproductive system.	Gynaecologist		These are the only acceptable answers.
		Usually the first person the pregnant woman will see after a positive home pregnancy test result.	GP (General Practitioner)		If more than one answer is given in a box - credit the first answer given.
		Looks after the pregnant woman throughout a normal pregnancy and birth and also runs antenatal classes.	Midwife		Credit: GP and/or General Practitioner

Question	Answer		Guidance
3 (b)	One mark for description. One mark for purpose. Lanugo	2 (2x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TY REP SEEN Do not accept: • 'protects' or 'protects baby' on its own • helps keep baby's warm TV

Que	estion	Answer	Mark	Guidance
3	(c)	One mark for each word. Six required.	6 (6x1)	The number of ticks must match the number of marks awarded.
		Words inserted in this order:		For incorrect answers use the cross .
		• dilated		
		• vagina		
		• pushes		These are the only acceptable answers.
		• crowning		
		• mucus		
		• shoulders		
		The second stage of labour begins when the cervix becomes fully dilated at 10cms and ends when the baby is born. The open cervix and the vagina now form a continuous passage called the birth canal. The mother pushes with each contraction to help move the baby down the birth canal. When the baby's head can be seen this is called crowning. When the head has been born any mucus can be cleared from the baby's nose and mouth. The baby's shoulders are now eased through the birth canal and the rest of the body will slide out easily.		

Que	stion	Answer	nswer		Mark	Guidance
4	(a)	One mark	k for an identification. One required.		1 (1x1)	The number of ticks must match the number of marks awarded.
			Name of person carrying out the scan	Tick (✓) correct answer		For incorrect answers use the cross .
			Paediatrician			This is the only acceptable answer.
			Sonographer	✓		If more than one answer is ticked: No mark should be awarded – use the 'seen' annotation
			Nutritionist			

Question	Answer	Mark	Guidance	
4 (b)	One mark for a way. Three required. One mark for an explanation. Three required.	6 (6x1)	The number of ticks must match the number of marks awarded.	
	Practical support e.g. shopping, cleaning, washing, housework help during labour e.g. massage back, give encouragement during labour getting drinks, snacks during labour going to antenatal classes with wife/partner learning relaxation / calming techniques active involvement - go to clinics/scans/help in birth plan improve knowledge/awareness of pregnancy/birth/mother's needs e.g. through reading/dvds/YouTube provide emotional support – recognise and be aware of mother's needs stress / anxiety / ask how she is feeling support health needs – give up smoking/alcohol together Explanations wife/partner may be tired/ needs rest feels loved/cared for enjoy the experience together boosts self esteem meets emotional needs improves wellbeing wife/partner may feel hungry/thirsty learn how the baby develops/how pregnancy affects his wife/partner e.g. The father could offer practical help around the house such as cleaning or doing the shopping (1) as the mother may get tired and may need more rest (1).		For incorrect answers use the cross or appropriate annotation from the following: TV REP SEEN One mark for a way identified One mark for the explanation of how it supports Answers may relate to pregnancy or birth. Accept other appropriate, valid ways and explanations. Do not credit: • 'to support' it is in the question • 2 ways – the way must have an explanation	

Question	Answer	Mark	Guidance	
4 (c)	One mark for an advantage. One required. One mark for disadvantage. One required. Advantage: 99% effective if fitted correctly [not 'if used correctly'] periods are lighter/stop in place all the time so do not have to think about contraception can be in place for years [up to 10 years] doesn't interrupt/interfere with having sex Disadvantage: has to be fitted by a doctor insertion can be painful may get infection after it has been fitted does not protect against STIs mood swings can cause cramps / bleeding skin problems possibly not 100% effective - they can slip or settle in the wrong position have to check the strings regularly	2 (2x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: Do not credit: you don't get pregnant easy to put in and take out '99% effective' OR 'not 100% effective' on its' own must also state: 'if (not) fitted correctly'	

Que	stion	Answer		Mark	Guidance
Que 4	(d)	One mark	for an identification. Three required. methods of contraception: progestogen-only pill (contraceptive) injection (contraceptive) patch (contraceptive) implant (rod) natural family planning emergency contraceptive pill / morning after	Mark 3 (3x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TV REP SEEN Do not accept: • intrauterine system • combined pill • pop pill • mini pill on its own must say - min-pill progestogen only
					• coil Credit 'Bod' if progesterone-only pill' is given

Question	Answer/Indicative Content	Marks	Guidance	
Question	Answer/indicative content	Walks	Content	Levels of response

Physical checks and why they are carried out:

- APGAR used to immediately assess the new-born baby's health by evaluating 5 vital signs. [appearance (skin), pulse, grimace, activity (reflexes), respiration]
- Weight Recorded on centile chart so it can be checked regularly.

Average weight of new born baby 2.7 - 4.1kg (6-9lb) Normal for babies to lose weight in first few days.

- Length- Recorded on centile chart so can be checked regularly, average length 50 – 53 cm.
- Head circumference measured

Average head circumference is 35cm - used to track baby's development Shape of baby's head assessed / maybe squashed

because of birth

- Fontanelle 2 soft spots on babies head where bones haven't fused together, checked for signs of abnormalities
- Eyes Check for problems and cataracts
- Mouth Check to see roof of mouth is complete and baby can suck
- Feet Checked for webbing, toes counted, check for club foot
- Fingers Counted and checked for webbing, palms checked for 2 creases across them 1 crease sometimes associated with Down's Syndrome
- **Hips** checked for developmental dysplasia of the hip, problems with hip joints

Annotation:

The number of ticks will not necessarily correspond to the marks awarded.

Level 3 – checklist

- detailed discussion
- two or more routine physical checks
- why they are carried out
- relevant information
- QWC high

Level 2 – checklist

- sound discussion
- one or more routine physical checks considered - but not fully developed
- relevant information
- QWC mid

Level 1 – checklist

- basic / limited discussion
- identification of checks only
- list like/muddled
- QWC low

'APGAR' counts as one check

Level 3 (5-6 marks)

Answers will provide a detailed discussion of routine physical checks and why they are carried out. The answer is well-developed, clear and logically structured. The information presented is relevant. There will be few, if any, errors of grammar, punctuation and spelling.

Level 2 (3-4 marks)

Answers will provide a sound discussion of routine physical checks and why they are carried out. The answer is presented with some structure and the information is in the most part relevant. There may be some errors of grammar, punctuation and spelling.

Sub-max of 3 if just one physical check done well or several not fully developed.

Level 1 (1-2 marks)

Answers will provide a limited discussion of routine physical checks and why they are carried out. List like answers should be placed in this level. Answers may be muddled, demonstrating little knowledge or understanding. Errors of grammar and spelling may be noticeable and intrusive.

0 marks – response not worthy of credit

Que	stion	Answer	Mark	Guidance
5	(b)	 One mark for a sign or symptom identified. One mark each. breathing difficulties vomiting that persists for more than 24 hours cannot be woken/unusually drowsy rash that does not fade when pressed with a glass 	4 (4x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TV REP SEEN These are the only acceptable answers.

Que	stion	Answer	Mark	Guidance
5	(c)	Two marks for an explanation. Two required. Ways • reassurance • empathy / sympathetic • talking positively about the illness / going into hospital • explaining what is wrong in a way the child can understand • show a lot of love / affection / hugs & kisses / cuddles • encourage to talk about feelings • comfort blanket / favourite toy • pay them a lot of attention / keep them company	4 (2x2)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TV REP SEEN For two marks: • an explanation that clearly shows understanding of how the way meets the need
		 Emotional needs to feel confident / positive to feel safe to not be frightened/scared/alone understand what is going to happen to them to be reassured/comforted that they will feel better to know they can be helped Example 2 mark response: When a child is ill they may feel frightened (1) and a parent/carer can offer reassurance to help overcome their fears.(1)		For one mark: • a basic statement • identification of a way and/or need Do not credit: • 2 separate marks for two identifications of 'ways' or 'needs' • Suggestions of what NOT to do.

Question	Answer	Mark	Guidance
5 (d)	One mark for a 'way'. Four required. Ways to prepare a child for a stay in hospital: read stories about going into hospital visit the hospital beforehand visit the ward beforehand meet the doctor / nurses / staff beforehand play hospital games / dressing up as doctors & nurses watch TV programmes about going into hospital explain/talk about what is going to happen in hospital in a way child can understand be honest /don't say it won't hurt if it could get them involved in packing their bag pack their bag with a favourite toy treat them to new pyjamas	4 (4x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: Accept other appropriate, valid ways. Do not credit answers that relate to visiting the child in hospital – question is about preparation for a stay in hospital.

Question	Answer	Mark	Guidance		
Question 6 (a)	Answer One mark for an identification. Four required. Common childhood accidents: • broken bones / fractures • bruises • burns/scalds • choking • suffocation • cuts • dog bites, cat scratches • drowning • electric shocks • head injuries / bang or bump on the head / concussion • objects stuck in ear / nose • poisoning • road accidents • strangulation • swallowing small object / toy / money • trapping fingers e.g. in doors	Mark 4 (4x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TY REP SEEN Do not accept:		

Que	stion	Answer		Guidance		
6	(b)	One mark for the correct name. One required.		The number of ticks must match the number of marks awarded.		
		Sudden Infant Death Syndrome	(1x1)	For incorrect answers use the cross or appropriate annotation from the following:		
				SEEN		
		Annotate 'Bod' if spelling is incorrect, but all the words must be recognisable.		Only acceptable answer.		

Question	Answer		Guidance	
6 (c)	One mark for a problem stated. Four required. Problems – premature babies: • brain injury • breathing problems • can easily catch infections • jaundice • low blood pressure • sealed eyes • unable to feed properly/cannot suck • unable to regulate body temperature • underweight • weak immune system	4 (4x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TV REP SEEN Accept other appropriate, valid, problems	

Qı	uestic	on	Answer	Mark	Guidance
6		(d)	One mark for correct name stated. One required. Startle reflex or falling reflex	1 (1x1)	The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TY REP SEEN

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