

Mark Scheme (Results)

January 2013

Principal Learning
Society, Health and Development
(SH204) Paper 01
Growth, Development and Healthy
Living

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General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.

Question Number	Answer	Mark
1(a)	<p>IDENTIFY and OUTLINE ONE factor from the information given that affects Dominic's SOCIAL development ONLY.</p> <p>1 mark per factor for identification of each factor plus – 1 mark for brief outline of effect on social development only.</p> <p>Or</p> <p>2 marks for amplification of effect on social development only</p> <p>Identify one from the following: Starting school / not going to the same school as his friends.</p> <p>Outline: Starting primary school will help to develop his secondary socialisation (1) as he will make new friends (2) or similar. Not going to the same school as his friends may have a negative effect on socialisation (1) as it may take longer for him to make new friends (2) or similar</p>	(3)

Question Number	Answer	Mark
1(b)	<p>IDENTIFY and OUTLINE ONE factor from the information given that affects Dominic's PHYSICAL development ONLY.</p> <p>1 mark for identification of factor plus: 1 mark for brief outline of effect</p> <p>Or</p> <p>2 marks for amplification of effect.</p> <p>IDENTIFY 'will walk to school' only.</p> <p>Outline; Will improve his fitness (1) by increasing his stamina (2) /increase his lung capacity or similar. Will be beneficial to the cardiovascular system (1) by strengthening cardiac muscle (2) or similar.</p>	(3)

Question Number	Answer	Mark
1(c)(i)	IDENTIFY one PREDICTABLE EVENT from the following: Marriage Having children Starting school	(1)

Question Number	Answer	Mark
1(c)(ii)	Identify one unpredictable life event only. Identify 'breakdown in a relationship' only.	(1)

Question Number	Answer	Mark
1(d)	DESCRIBE one positive and one negative effect on Dominic's EMOTIONAL DEVELOPMENT only. 1 mark for a partial description of effect on emotional development, 2 marks for full description. Maximum of 2 marks for positive effect and a maximum of a further 2 marks for negative effect. Example: Will be happy to have another child in the family (1) as he will not be lonely (2) or similar. Negative effect: 1 mark for a partial description of effect on emotional development, 2 marks for full description: Example: He might feel jealous of the new baby (1) because Jane does not have so much time for him anymore (2)	2 x 2 (4)

Question Number	Indicative Content
2(a)	DESCRIPTION to be effects on Jane's and Ravi's EMOTIONAL DEVELOPMENT ONLY. Effects may be positive and/or negative Example: Positive effect: Jane and Ravi have help with childcare (1) this will allow them to go out together without worrying about Dominic (2)

		or similar. Negative effect: Jane / Ravi may feel that they do not have time to themselves in their own home (1) / may feel that they will always have to look after Sadi, this may make them feel depressed (2) or similar.
Level	Mark	Descriptor
	0	No rewardable material
1	1-2	Brief description of one or more effects.
2	3-4	Full description of one or more effect. For full marks full description of two effects which is likely to include positive and negative effects.

Question Number	Indicative Content	
2(b)	DESCRIPTION must be effects on Nadine's PHYSICAL DEVELOPMENT ONLY Effects to include: Hormones trigger many physical changes (1) in girls the main hormone is oestrogen (2) Nadine may gain weight (1) and grow taller (2) Breasts will develop (1) and hips will widen (2) Grow body hair (1) mainly under arms and pubic hair (2) Nadine will start menstruation / start her periods (1) this is a result of ovulation (2)	
Level	Mark	Descriptor
	0	No rewardable material
1	1-2	Brief description of one effect.
2	3-4	more detailed description of one effect or brief description of at least two effects.
3	5-6	Full description of at least two effects.

Question Number	Indicative Content	
3	EXPLANATION of ways in which health services can support Jane's pregnancy. Explanation to include for example: Jane will have regular checkups with her GP who will measure her blood pressure / take blood tests to check haemoglobin levels (1) to ensure they are within normal levels (2) All antenatal care may be done by midwives at home visits. Jane will attend the antenatal department of her local hospital where she will have ultrasound scans (1) to check the development of the baby in utero (2) Jane could be referred to an obstetrician based in a hospital. An obstetrician is a doctor specialising in caring for women and children during pregnancy, birth and post-natal.(1) the obstetrician will only get involved if there are complications in Jane's pregnancy (2)	

		Jane will be entitled to get free prescriptions and dental treatment (1) from the time when the pregnancy is confirmed until one year after the birth (2). Or similar
Level	Mark	Descriptor
	0	No rewardable material
1	1-2	brief explanation of at least one way.
2	3-4	brief explanation of at least two ways or full explanation of at least one way.
3	5-6	full explanation of at least two ways or brief explanation of more than two ways.

Question Number	Answer	Mark
4(a)	DEFINITION of the term chronic. long term condition (1) can get progressively worse (2)	(2)

Question Number	Answer	Mark
4(b)	DESCRIPTION TO BE ONE CHANGE THAT SADI CAN MAKE TO HER DIET. 1 mark for brief description of how one change in diet might minimise the effects of diabetes. 2 marks for full description of how one change might minimise effects. For example: Sadi should eat a balanced diet (1) as this will help to control blood sugar levels (2). Sadi needs to cut down on the amount of saturated fat she eats (1) and change to monosaturated fats such as olive oil (2). Sadi needs to eat regular meals of starchy carbohydrates (1) that have a low GI (2).	(2)

Question Number	Indicative Content
4(c)	EXPLANATION TO BE ON SADI'S HEALTH and WELLBEING ONLY. Effects to include: Glucose levels can be high, this may damage the kidneys (1) and the eyesight (2). Due to glucose not being used properly in the body, Sadi will feel tired (1) and thirsty (2). Sadi may urinate more frequently (1) as the kidney does not reabsorb enough water from the urine into the blood (2) or similar. Sadi may experience poor wound healing (1) that may lead to infection (2).

		Example of 3-4 marks for 1 effect: Glucose is not used properly in the body (1) as there is insufficient insulin to keep the level of glucose correct in the blood (2). This means that there may be insufficient blood glucose /sugar available in the blood (3) to be used as energy (4). Or similar.
Level	Mark	Descriptor
	0	No rewardable material
1	1-2	brief explanation of at least one effect on Sadis health / wellbeing.
2	3-4	brief explanation of at least two effects or full explanation of one effect. There may be reference to just one area of health and wellbeing.
3	5-6	detailed explanation of at least two effects or brief explanation of more than two effects. For full marks there should be reference to more than one area of health and wellbeing.

Question Number	Answer	Mark
5(a)	<p>1 mark for partial description of 1 practice. 2 marks for a detailed description.</p> <p>Description of practices may include:</p> <p>Most Hindus worship (puja) every day at home (1) and have a shrine there (2). Family members often worship together (1) Hindus make offerings to a murti/god or goddess/read their holy books (Vedas) (2) The practice of Hinduism consists of rites and ceremonies (1) based on birth, marriage, and death (2). In the Hindu faith there are three basic practices (1). These are worship, cremation and complying with the Caste system (2). Pilgrimage is an important aspect of Hinduism (1). Pilgrimage places are rivers /temples/ mountains / sites where the gods may have appeared (2) or similar. Most Hindus are vegetarians (1) if not, they do not eat beef (2).</p>	(2)

Question Number		Indicative Content
5(b)		<p>Answers may refer to:</p> <ul style="list-style-type: none"> • What faith the children will follow • Education • Diet • Dress • Attendance at festivals • Daily life <p>Effects on lifestyles may be positive or negative e.g</p> <p>Positive Stimulates discussion/talk to each other more learning about each others beliefs.</p> <p>Negative May have disagreements May not spend so much time together.</p>
Level	Mark	Descriptor
	0	No rewardable material
1	1-2	brief explanation of at least one effect on Ravi and or Jane's lifestyle.
2	3-4	brief explanation of at least two effects or full explanation of one effect. There may be reference to just Ravi or Jane's lifestyle.
3	5-6	detailed explanation of at least two effects or brief explanation of more than two effects. For full marks there should be reference to both Ravi and Jane's lifestyles.

Question Number		Mark
6(a)	<p>DESCRIPTION to include 2 possible effects of smoking on health and well - being. 1 mark for a partial description 2 marks for a detailed description. Maximum of 2 marks for each effect.</p> <p>Descriptions to include: Smoking is associated with cancers (1) such as cancers of the nose / throat / lungs (2). Smoking can affect the cardiovascular system (1) leading to heart disease / stroke / poor circulation (2). Smoking can increase the likelihood of respiratory problems (1) such as bronchitis / emphysema / asthma (2). Smoking has effects during pregnancy (1) such as more stillbirths / smaller birth weight / more miscarriages (2).</p>	2 x 2 (4)

	Smoking is addictive (1) leading to a craving for nicotine (2) / or similar.	
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Question Number		Mark
6(b)	<p>DESCRIPTION to include 2 possible effects of using cannabis on life opportunities. 1 mark for a partial description 2 marks for a detailed description. Maximum of 2 marks for each effect.</p> <p>Descriptions to include:</p> <p>Could lead to arrest by police (1) leading to a possible criminal record (2). Could affect chances of getting a job (1) and keeping the job (2). Users can become anxious / paranoid (1) can cause permanent damage to mental health (2). Cannabis can be used to support the wellbeing of sufferers of certain diseases (1) such as multiple sclerosis (2).</p>	2x2 (4)

Question Number	Indicative Content
7	<p>ANSWERS to be based on RAVI only. ASSESSMENT: Answers to include: Ravi is suffering from stress, eats an unhealthy diet and drinks too much alcohol –this means his physical health is poor and he is at risk of heart disease, stroke, liver damage, respiratory problems and obesity. He may also be tired as he may have trouble sleeping. His emotional wellbeing is poor as he is worrying about the strains of a new baby. His intellectual wellbeing is good as he has a challenging job. His job may be at risk if he cannot sleep as he may not be able to do it properly/ or similar</p> <p>RECOMMENDATIONS: Answers to include: Ravi should choose to eat a healthier / more balanced diet and to plan his day so that he can find time for himself and take up some exercise / sport. He needs to cut down the amount of alcohol he drinks/ he could choose to drink 'no alcohol 'beer or soft drinks. He needs to talk to Jane about his worries for the new baby coming and work out a financial plan. 1-2 marks for a brief assessment of Ravi's health and wellbeing or very brief recommendations for improvement.</p>

		3-4 marks for partial assessment with partial recommendation for improvement 5-6 marks for assessment with reasonable recommendations that are linked to the assessment.
Level	Mark	Descriptor
	0	No rewardable material
1	1-2	brief assessment of Ravi's health and wellbeing or very brief recommendations for improvement.
2	3-4	partial assessment with partial recommendation for improvement.
3	5-6	Full assessment with reasonable recommendations that are linked to the assessment.

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