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# **GCSE MARKING SCHEME**

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**SUMMER 2017**

**HEALTH AND SOCIAL CARE  
UNIT 2 - HUMAN GROWTH AND DEVELOPMENT  
4722-01**

## **INTRODUCTION**

This marking scheme was used by WJEC for the 2017 examination. It was finalised after detailed discussion at examiners' conferences by all the examiners involved in the assessment. The conference was held shortly after the paper was taken so that reference could be made to the full range of candidates' responses, with photocopied scripts forming the basis of discussion. The aim of the conference was to ensure that the marking scheme was interpreted and applied in the same way by all examiners.

It is hoped that this information will be of assistance to centres but it is recognised at the same time that, without the benefit of participation in the examiners' conference, teachers may have different views on certain matters of detail or interpretation.

WJEC regrets that it cannot enter into any discussion or correspondence about this marking scheme.

## GCSE HEALTH AND SOCIAL CARE – UNIT 2

### MARK SCHEME – SUMMER 2017

#### Online marking

WJEC will be using a method of marking examination scripts known as e marker ® for this paper. Under this system, candidates' scripts are scanned and then transmitted to examiners electronically via the internet. Examiners mark on-screen; marked responses and marks are then submitted electronically.

Whilst the basic principles remain unchanged, this method entails some important changes to the way the system operates when examiners mark on paper:

- Examiners do not mark complete scripts. Instead, scripts are divided into segments by question (item), and are transmitted to examiner in this form. Therefore each candidate's scripts will be marked by a number of different examiners.
- Examiners are required to complete an online standardising exercise. This involves the marking of a number of common candidate responses (roughly 30 of each item) which will be included in examiner's allocations at regular intervals during the process. Should marks given to these items fall outside the tolerance agreed by senior examiners on more than one occasion, examiners will be prevented from further marking of that item until the team leader has been able to resolve the issue.

In terms of technical requirements, examiners participating will need a personal computer running on Windows Version 7 and above and a broadband internet connection. With an Apple Mac, a Windows emulator is required.

For further details, please see the user guide available on e-marker ® when you log on. Instructions on how to log on to the system and your username and password have been sent separately.

**GCSE HEALTH AND SOCIAL CARE**

**SUMMER 2017 MARK SCHEME**

**Section A**

<b>Question</b>	<b>Answer</b>	<b>Mark</b>	<b>AO1</b>	<b>AO3</b>
1. (a) (i)	Award <b>1 mark</b> for the correct answer: Childhood	1	1	
(ii)	Award <b>1 mark</b> for a correct answer.  Likely answers may include:  Any one from: <ul style="list-style-type: none"> <li>• fully developed speech/increase vocabulary/language/complex sentences</li> <li>• fewer errors in language/grammar</li> <li>• can sing simple songs and rhymes</li> <li>• reading develops/can recognise some letters</li> <li>• writing develops/able to form some letters</li> <li>• increase in logical thinking</li> <li>• can order objects, e.g. tallest to smallest</li> <li>• understands concepts such as tallest, biggest, same more, on, in under, above</li> <li>• counts aloud (to 10)/recognises written numbers (to 9)</li> <li>• understands the order of daily routines, e.g. breakfast before lunch</li> <li>• asks and answers who?, what?, when?, why? and where?</li> <li>• follows direction, e.g. put the drink on the table and put your coat on</li> <li>• understands basic concepts of number, size, weight, colour, texture, distance, position and time</li> </ul> (Credit reference to characteristics of the concrete operational and pre-operational stages, e.g. egocentric, conservation.)	1	1	
(b) (i)	Award <b>1 mark</b> for the correct answer: Retired	1	1	
(ii)	Award up to <b>2 marks</b> for a detailed description of the term 'income'.  Likely answers may include:  Money that is earned from work or received from a pension or investment.	2	2	

Question	Answer	Mark	AO1	AO3												
1. (c)	<p>Award <b>1 mark</b> for each correct answer.</p> <table border="1"> <thead> <tr> <th>Example</th> <th>Fine motor skill</th> <th>Gross motor skill</th> </tr> </thead> <tbody> <tr> <td>Kicking a football</td> <td></td> <td>✓</td> </tr> <tr> <td>Tying shoelaces</td> <td>✓</td> <td></td> </tr> <tr> <td>Sitting up unaided</td> <td></td> <td>✓</td> </tr> </tbody> </table>	Example	Fine motor skill	Gross motor skill	Kicking a football		✓	Tying shoelaces	✓		Sitting up unaided		✓	3 (1,1,1)	3	
Example	Fine motor skill	Gross motor skill														
Kicking a football		✓														
Tying shoelaces	✓															
Sitting up unaided		✓														
2. (a)	<p>Award <b>1 mark</b> for the correct answer: 9 kg (Accept answers between 8.7 kg – 9 kg.) (Answer must state 'kg'.)</p>	1	1													
(b)	<p>Award <b>1 mark</b> for a correct reason:</p> <p>Likely answers may include:</p> <ul style="list-style-type: none"> <li>• Tia is not feeding infant adequately/poor diet.</li> <li>• Possible neglect of infant.</li> <li>• May have a genetic condition which affects weight gain.</li> <li>• May have an illness or disease which affects weight gain.</li> <li>• Premature birth.</li> </ul> <p>(Accept any other reasonable answer.)</p>	1		1												
(c)	<p>Award up to a maximum of <b>3 marks</b> for a detailed explanation of how Tia's self-concept may be affected by her appearance.</p> <p>Likely answers may include:</p> <p>Tia's self-concept may be negatively affected; she may think she is unattractive due to not wearing nice clothes or make-up or having her hair styled. This may lower her self-esteem.</p> <p>(Accept any other reasonable answer, including positive explanations.)</p>	3	1	2												
3. (a)	<p>Award <b>1 mark</b> for a correct reason.</p> <p>Likely answers may include:</p> <p>Any one from:</p> <ul style="list-style-type: none"> <li>• has been bullied at school</li> <li>• had a lack of support (from home or school)</li> <li>• suffered abuse during his school years</li> <li>• suffered bereavement during his school years</li> <li>• unsettled schooling/moved to different schools</li> <li>• lack of access to learning resources/opportunities (due to poverty)</li> </ul> <p>(Accept any other reasonable answer.)</p>	1		1												

Question	Answer	Mark	AO1	AO3												
3. (b) (i)	<p>Award up to <b>2 marks</b> for a detailed explanation of how Kai's experiences in school may affect his mental health.</p> <p>Likely answers may include:</p> <p>Kai's mental health may be negatively affected. He may feel low and even depressed because he believes that he is 'useless' as he did not do well in his exams/school. He may feel he has let his parents down. He may suffer anxiety when faced with exams or similar situations in the future.</p> <p>(Accept any other reasonable answer.)</p>	2		2												
(ii)	<p>Award up to <b>2 marks</b> for a detailed explanation of how Kai's experiences in school may affect his employment opportunities.</p> <p>Likely answers may include:</p> <p>Kai may not have the grades/qualifications needed to continue on to further education/courses, which means he will have fewer skills/qualifications so is less likely to gain employment in the future so have less opportunities.</p> <p>(Accept any other reasonable answer.)</p>	2		2												
(c)	<p>Award <b>1 mark</b> for one correct change for each sex.</p> <p>Likely answers may include:</p> <p>(i) <b>Males</b> Facial hair; voice deepens; increased muscle mass; shoulders broaden.</p> <p>(ii) <b>Females</b> Menstruation/periods; breasts develop; hips broaden/fat deposits on hips.</p>	1  1	1  1													
4. (a) (i) (ii) (iii)	<p>Award <b>1 mark</b> for each correct answer.</p> <table border="1"> <thead> <tr> <th></th> <th>Job</th> <th>Professional</th> </tr> </thead> <tbody> <tr> <td>(i)</td> <td>Visits Donald daily to help with his personal care</td> <td>Care assistant</td> </tr> <tr> <td>(ii)</td> <td>Diagnoses and treats Donald's health problems and refers a serious health condition to a hospital.</td> <td>General practitioner</td> </tr> <tr> <td>(iii)</td> <td>Provides Donald with care when he is ill in hospital.</td> <td>Nurse</td> </tr> </tbody> </table>		Job	Professional	(i)	Visits Donald daily to help with his personal care	Care assistant	(ii)	Diagnoses and treats Donald's health problems and refers a serious health condition to a hospital.	General practitioner	(iii)	Provides Donald with care when he is ill in hospital.	Nurse	3 (1,1,1)	3	
	Job	Professional														
(i)	Visits Donald daily to help with his personal care	Care assistant														
(ii)	Diagnoses and treats Donald's health problems and refers a serious health condition to a hospital.	General practitioner														
(iii)	Provides Donald with care when he is ill in hospital.	Nurse														
(b)	<p>Award <b>1 mark</b> for each correct answer, up to a maximum of <b>2 marks</b>:</p> <p>Death of his wife Personal injury</p>	2	2													

Question	Answer	Mark	AO1	AO3
4. (c)	<p><b>0-2 marks:</b> Answers that identify the effects of having a healthy diet on Donald's health and well-being, with little or no attempt at a description. Answers convey meaning but lack detail. Little or no use of specialist vocabulary.</p> <p><b>3-4 marks:</b> Answers that describe some effects of having a healthy diet on Donald's health and well-being. Answers convey meaning, with some use of specialist vocabulary.</p> <p><b>5 marks:</b> Answers that describe, with clear evidence of understanding, the effects of having a healthy diet on Donald's health and well-being. Answers are well-structured and clearly expressed. Specialist terms used with ease and accuracy.</p> <p>Likely answers may include:</p> <p>A healthy diet will help Donald stay healthy. He has an increased risk of illness and disease due to his age, and a healthy diet will reduce this risk – for example, for diseases such as diabetes, heart disease and cancer. His body will be more able to fight illness and he will have a reduced recovery time. He will have higher energy levels which will increase his feeling of well-being. Calcium, for example, will reduce osteoporosis and bone fractures. A healthy diet will reduce his risk of malnutrition.</p>	5	5	
	<b>Total for Section A</b>	<b>30</b>	<b>22</b>	<b>8</b>

## Section B

Question	Answer	Mark	AO1	AO3
5. (a)	<p>Award <b>1 mark</b> for each correct answer:</p> <p>Likely answers may include:</p> <p>(i) <b>Environmental factor</b> Moving house/living in the city/near to countryside/house/flat.</p> <p>(ii) <b>Social factor</b> Spending time away from family.</p> <p>(Accept any other reasonable answer.)</p>	1  1	1  1	
(b)	<p><b>0-2 marks:</b> Answers that identify the possible effects on Joe's health and well-being if he accepts the new job, with little or no attempt at assessment. Answers convey meaning but lack detail. Little or no use of specialist vocabulary.</p> <p><b>3-4 marks:</b> Answers that assess the possible effects on Joe's health and well-being if he accepts the new job. Answers convey meaning, with some use of specialist vocabulary.</p> <p><b>5 marks:</b> Answers that assess, with clear evidence of understanding, the possible effects on Joe's health and well-being if he accepts the new job. Answers are well-structured and clearly expressed. Specialist terms used with ease and accuracy.</p> <p>Likely answers may include:</p> <ul style="list-style-type: none"> <li>• Diet and nutrition: less time to eat a balanced diet.</li> <li>• Less time to exercise.</li> <li>• Sleep patterns: lack of regular sleep/hours.</li> <li>• Stress: long hours will affect sleep/physical and mental health.</li> <li>• Smoking/alcohol consumption may increase due to stress.</li> <li>• Increased job satisfaction/dissatisfaction.</li> <li>• Increased workload, mental stimulation, learning new job, more challenges.</li> <li>• Stress from poor work-life balance.</li> <li>• Lack of social support/interactions/time spent with family and friends.</li> <li>• Miss family, feel lonely and guilty.</li> <li>• Can afford better quality of life, balanced diet, private health care/less stress caused by money worries.</li> </ul> <p>(Accept any other reasonable answer.)</p>	5	3	2



Question	Answer	Mark	AO1	AO3
5. (c)	<p><b>0-2 marks:</b> Answers that describe, with some attempt to explain, the impact on Samantha's development of positive/negative factors if Joe accepts the new job. Answers convey meaning, with some use of specialist vocabulary.</p> <p><b>3-4 marks:</b> Answers that give a clear explanation of the impact on Samantha's development of positive/negative factors if Joe accepts the new job. Answers are well-structured and clearly expressed. Specialist terms used with ease and accuracy.</p> <p>Likely answers may include:</p> <p>(i) <b>Positive factors</b> May build a closer relationship with her children as she is taking a more active role in their care. May have more quality time with Joe and her family when they are together. More income may reduce her stress and provide her with opportunities and luxuries she could not have afforded before.</p> <p>(ii) <b>Negative factors</b> Will have to take more of an active role in childcare; this may cause increased stress. Lack of social support as Joe is away. May miss Joe and feel lonely/isolated. Lack of time for herself. Her work may suffer.</p>	4	2	2
	<b>Total for Question 5</b>	<b>15</b>	<b>9</b>	<b>6</b>

Question	Answer	Mark	AO1	AO3
6. (a) (i)	<p>Award <b>1 mark</b> for identification of the form of abuse Freya experienced and up to <b>2 marks</b> for a description.</p> <p>Likely answers may include:</p> <p>Verbal abuse. This is a form of emotional abuse consisting of the use of abusive and hurtful language toward another individual. The mothers are talking negatively about her ability to be a good mother, which will be hurtful to Freya.</p>	2	2	
(ii)	<p><b>0-2 marks:</b> Answers that identify how such comments could affect Freya's ability to care for her child, with little or no attempt at discussion. Answers convey meaning but lack detail. Little or no use of specialist vocabulary.</p> <p><b>3-4 marks:</b> Answers that discuss how such comments could affect Freya's ability to care for her child. Answers convey meaning, with some use of specialist vocabulary.</p> <p><b>5-6 marks:</b> Answers that discuss, with clear evidence of understanding, how such comments could affect Freya's ability to care for her child. Answers are well-structured and clearly expressed. Specialist terms used with ease and accuracy.</p> <p>Likely answers may include:</p> <ul style="list-style-type: none"> <li>• Damage confidence and self-belief in her skills as a mother.</li> <li>• Negatively affects her self-esteem and self-concept; may believe she is a bad mother and may live up to that label.</li> <li>• If her abilities are questioned, she may stop trying.</li> <li>• Might make her angry, more determined to be a good mother, prove people wrong, try harder, spend more time with her child, attend parenting classes to learn skills, gain knowledge and ask for help.</li> <li>• Put pressure on her to succeed, making her unhappy, which might affect her relationship with her child.</li> </ul>	6	3	3

Question	Answer	Mark	AO1	AO3
6. (b)	<p><b>0-3 marks:</b> Answers that identify the effects of being part of a large family on an individual's health and well-being, with little or no attempt at assessment. Answers convey meaning but lack detail. Little or no use of specialist vocabulary.</p> <p><b>4-6 marks:</b> Answers that describe the effects of being part of a large family on an individual's health and well-being, with some attempt at assessment. Answers convey meaning, with some use of specialist vocabulary.</p> <p><b>7 marks:</b> Answers that assess, with clear evidence of understanding, the effects of being part of a large family on an individual's health and well-being. Answers are well-structured and clearly expressed. Specialist terms used with ease and accuracy.</p> <p>Likely answers may include:</p> <ul style="list-style-type: none"> <li>• Family size is related to the health of both the children and parents.</li> <li>• Children in larger families have more illnesses, diseases and lower life expectancy, slower growth and maturation rates than children in small families – all of which affects their physical development and health status.</li> <li>• Research shows that levels of intelligence of children are lower in larger families.</li> <li>• There may be less available income in larger families, which may reduce opportunities and life chances.</li> <li>• Larger families do offer more opportunities to develop social skills such as sharing, negotiation, turn-taking. There may be more social support available in larger families, which will promote emotional and social development and well-being.</li> <li>• May develop a greater awareness of the needs of others due to living possibly with different genders and age groups.</li> <li>• Older children may take on greater responsibility at a younger age, which may lead to greater maturity.</li> <li>• Parents may have less time for themselves in larger families/more stressed or may feel more rewarded.</li> </ul> <p>(Accept the opposite standpoint for smaller/larger families.)</p>	7	3	4
	<b>Total for Question 6</b>	<b>15</b>	<b>8</b>	<b>7</b>

Question	Answer	Mark	AO1	AO3
7. (a) (i) (ii)	<p>Award <b>1 mark</b> for each of two correct life changes.</p> <p>Likely answers may include:</p> <p>Any <b>two</b> from:</p> <ul style="list-style-type: none"> <li>• moving to a new country</li> <li>• moving to a new home</li> <li>• experiencing new cultures/way of life</li> <li>• experiencing new language</li> <li>• leaving family and friends in Syria</li> <li>• children starting new school, making new friends</li> </ul> <p>(Accept any other relevant answer.)</p>	2 (1,1)	2	
(b)	<p><b>0-2 marks:</b> Answers that describe how Imran and his family's physical/emotional/social development may be affected by being refugees, with some attempt at explanation. Answers convey meaning, with some use of specialist vocabulary.</p> <p><b>3-4 marks:</b> Answers that explain, with clear evidence of understanding, how Imran and his family's physical/emotional/social development may be affected by being refugees. Answers are well-structured and clearly expressed. Specialist terms used with ease and accuracy.</p> <p>Likely answers may include:</p> <p>(i) <b>Physical development</b></p> <p>Living on benefits/in poverty:</p> <ul style="list-style-type: none"> <li>• Cannot afford a balanced diet – increased risk of illness and disease, children may not thrive.</li> <li>• Cannot afford heating – increased colds and asthma.</li> <li>• Diet may be better than it was in Syria – improved health.</li> <li>• Better access to healthcare – improved health.</li> </ul> <p>Living in a run-down part of the city:</p> <ul style="list-style-type: none"> <li>• Increased crime – more likely to be a victim of crime such as assaults.</li> <li>• Less access to open spaces and unsafe environment – children have less physical activity (playing outside).</li> </ul> <p>Escaping war, moving to a new country with a different culture:</p> <ul style="list-style-type: none"> <li>• May not eat, have sleep problems and more health problems – linked to more stress/worry adapting to changes.</li> <li>• Improved physical health – because less stress due to not living in war zone.</li> </ul>	4	1	3

Question	Answer	Mark	AO1	AO3
7. (b) (i) (Cont'd)	<p>Children starting new school as the only refugees:</p> <ul style="list-style-type: none"> <li>• Not sleeping or eating, being victims of bullying – due to stress/worry adapting to changes/fitting in.</li> <li>• Increased access to physical activities than in Syria, e.g. sports and equipment.</li> </ul> <p>(Accept any other reasonable answer.)</p>			
(ii)	<p><b>Emotional development</b></p> <p>Escaping war, moving to a new country with a different culture:</p> <ul style="list-style-type: none"> <li>• Less emotional stress due to not living in war zone.</li> <li>• Missing friends and family, feeling lonely and isolated.</li> <li>• Adapting to new country/culture, causing anxiety.</li> <li>• May feel different, may not be accepted, refugee stereotypes increases feelings of isolation.</li> <li>• Moving to a new country – may lose sense of identity, affect self-concept/self-esteem.</li> </ul> <p>Children starting new school as the only refugees:</p> <ul style="list-style-type: none"> <li>• May feel anxious due to being different.</li> <li>• May not be accepted or feel they fit in – feel isolated.</li> </ul> <p>Living in a run-down part of the city:</p> <ul style="list-style-type: none"> <li>• Fear of crime – feeling unsafe and vulnerable.</li> <li>• Feel safer and less anxious than in Syria.</li> </ul> <p>(Accept any other reasonable answer.)</p>	4	1	3
(iii)	<p><b>Social development</b></p> <p>Escaping war, moving to a new country with a different culture:</p> <ul style="list-style-type: none"> <li>• Meeting new people, experiencing a new culture, more/varied social interactions, developing social skills</li> <li>• May have reduced social interactions due to language barrier or people's negative views of refugees.</li> </ul> <p>Children starting new school as the only refugees:</p> <ul style="list-style-type: none"> <li>• Meeting new people, making friends, forming new relationships.</li> <li>• Fewer interactions with family and friends left behind.</li> </ul> <p>(Accept any other reasonable answer.)</p>	4	1	3

Question	Answer	Mark	AO1	AO3
7. (c)	<p><b>0-2 marks:</b> Answers that identify how cultural factors may affect the children's intellectual development, with little or no attempt at description. Answers convey meaning but lack detail. Little or no use of specialist vocabulary.</p> <p><b>3-4 marks:</b> Answers that describe how cultural factors may affect the children's intellectual development. Answers convey meaning, with some use of specialist vocabulary.</p> <p><b>5-6 marks:</b> Answers that describe, with clear evidence of understanding, how cultural factors may affect the children's intellectual development. Answers are well-structured and clearly expressed. Specialist terms used with ease and accuracy.</p> <p>Likely answers may include:</p> <p>Children may struggle to fit into a new school and community; they may feel different, they may be bullied – this may affect their willingness and ability to learn. They may gain more support because of their cultural needs and this will help them in their education. They may explain to other children about their culture and they will learn about a new culture. Some cultures place greater importance on educational achievement than others or the achievement of males – this may hinder or support their intellectual development. They may find it more difficult in lessons, as there may be language or cultural barriers to their learning which they need to overcome.</p>	6	6	
	<b>Total for Question 7</b>	<b>20</b>	<b>11</b>	<b>9</b>
	<b>Total for Section B</b>	<b>50</b>	<b>28</b>	<b>22</b>
	<b>Total for Paper</b>	<b>80</b>	<b>50</b>	<b>30</b>