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## Mark Scheme (Results)

June 2019

BTEC Level 1/Level 2 First in Health and  
Social Care  
Unit 1: Human Lifespan Development  
(20544E)

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# **Unit 1: Human Lifespan Development**

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## **General marking guidance**

- All learners must receive the same treatment. Examiners must mark the first learner in exactly the same way as they mark the last.
- Marking grids should be applied positively. Learners must be rewarded for what they have shown they can do, rather than be penalised for omissions.
- Examiners should mark according to the marking grid, not according to their perception of where the grade boundaries may lie.
- All marks on the marking grid should be used appropriately.
- All the marks on the marking grid are designed to be awarded. Examiners should always award full marks if deserved. Examiners should also be prepared to award zero marks, if the learner's response is not rewardable according to the marking grid.
- Where judgement is required, a marking grid will provide the principles by which marks will be awarded.
- When examiners are in doubt regarding the application of the marking grid to a learner's response, a senior examiner should be consulted.

## **Specific marking guidance**

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The marking grids have been designed to assess learner work holistically. Rows in the grids identify the assessment focus/outcome being targeted. When using a marking grid, the 'best fit' approach should be used.

- Examiners should first make a holistic judgement on which band most closely matches the learner's response and place it within that band. Learners will be placed in the band that best describes their answer.
- The mark awarded within the band will be decided based on the quality of the answer, in response to the assessment focus/outcome and will be modified according to how securely all bullet points are displayed at that band.
- Marks will be awarded towards the top or bottom of that band, depending on how they have evidenced each of the descriptor bullet points.

Question Number	Answer			Mark
1(a)	<b>Name</b>	<b>Life stage</b>	<b>Age range</b>	<b>(3)</b>
	Rahul	Middle adulthood	46 -65 years	
	Aisha	Infancy	0 – 2 years	
	Amit	Early adulthood	19 – 45 years	
<b>3 x 1</b>				

Question Number	Answer	Mark
1(b)	<p>Award one mark for each correct identification of how air pollution affects health, up to a maximum of two marks:</p> <ul style="list-style-type: none"> <li>• respiratory problems (1)</li> <li>• Cardiovascular disease (1)</li> <li>• allergic reactions (1)</li> <li>• headaches/migraines (1)</li> <li>• can cause irritation to eyes, nose, mouth (1).</li> </ul> <p>Accept any appropriate alternatives.</p> <p style="text-align: right;"><b>2 x 1</b></p>	<b>(2)</b>

Question Number	Answer	Mark
1(c)(i)	<p>Award one mark for correct identification of the gross motor skills that Aisha will develop over the next few months, up to a maximum of two marks.</p> <p>Any two from:</p> <p>jumping (1)  running (1)  climbing (1)  skipping (1)  Kicking (1)  balancing (1).</p> <p>Accept any appropriate alternatives.</p> <p>Do not accept walking.</p> <p style="text-align: right;"><b>2 x 1</b></p>	<b>(2)</b>

Question Number	Answer	Mark				
1(c)(ii)	<p>Award one mark for correct identification of each activity that could help develop Aisha's gross motor skills and award <b>one</b> further mark for correct elaboration, up to a maximum of 4 marks.</p> <table border="1"> <thead> <tr> <th>Activity</th> <th>Elaboration</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• Dancing</li> <li>• Swimming</li> <li>• Riding a tricycle (not bicycle)</li> <li>• Gymnastics</li> <li>• Ball games</li> <li>• Ball pool</li> </ul> <p>Accept any other age appropriate activities.</p> </td> <td> <ul style="list-style-type: none"> <li>• Muscle development</li> <li>• Coordination</li> <li>• Balance</li> <li>• Core strength</li> <li>• Stamina</li> <li>• Flexibility</li> </ul> <p>Accept any other appropriate elaborations.</p> </td> </tr> </tbody> </table> <p>Accept any appropriate alternatives.</p> <p style="text-align: right;"><b>2 x 2</b></p>	Activity	Elaboration	<ul style="list-style-type: none"> <li>• Dancing</li> <li>• Swimming</li> <li>• Riding a tricycle (not bicycle)</li> <li>• Gymnastics</li> <li>• Ball games</li> <li>• Ball pool</li> </ul> <p>Accept any other age appropriate activities.</p>	<ul style="list-style-type: none"> <li>• Muscle development</li> <li>• Coordination</li> <li>• Balance</li> <li>• Core strength</li> <li>• Stamina</li> <li>• Flexibility</li> </ul> <p>Accept any other appropriate elaborations.</p>	<b>(4)</b>
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Question Number	Answer	Mark
1(d) (i)	<p>Award one mark for a correct definition of the term self-image.</p> <p>The mental picture that someone has of themselves. How a person sees themselves.</p> <p>Accept any appropriate alternatives.</p> <p style="text-align: right;"><b>1 x 1</b></p>	<b>(1)</b>

Question Number	Answer	Mark
1(d) (ii)	<p>Award one mark for correct identification of why Rahul has a positive self-image, up to a maximum of two marks.</p> <p>Any two from:</p> <ul style="list-style-type: none"> <li>• he has a rewarding job (1)</li> <li>• he may feel that he is providing a necessary service to people (1)</li> <li>• he will be well paid (1)</li> <li>• he may feel respected (1)</li> <li>• proud that he can provide for his family (1)</li> <li>• proud of his achievements (1).</li> </ul> <p>Accept any appropriate alternatives.</p> <p style="text-align: right;"><b>2 x 1</b></p>	<b>(2)</b>

Question Number	Answer	Mark
1(e)(i)	<p>Award one mark for correct identification of how owning his own company may affect Amit's physical health, up to a maximum of two marks.</p> <p><b>The positive or negative effects of:</b></p> <ul style="list-style-type: none"> <li>• stress (e.g. insomnia, headaches, high blood pressure) (1)</li> <li>• nutrition (e.g. lack of time to prepare meals) (1)</li> <li>• level of income (e.g. reduced fitness) (1)</li> <li>• Time (e.g. for exercise, to prepare food) (1)</li> </ul> <p>Accept any appropriate alternatives.</p> <p style="text-align: right;"><b>2 x 1</b></p>	<b>(2)</b>

Question Number	Answer	Mark
1(e)(ii)	<p>Award one mark for correct identification of how owning his own company could affect Amit's intellectual health and award one further mark for correct elaboration, up to a maximum of 2 marks.</p> <ul style="list-style-type: none"> <li>• He would have to be able to effectively communicate and problem solve (1) as he would meet new people visiting his company (1)</li> <li>• He will learn new skills (1) as he had to ensure that his company survives (1)</li> <li>• He may develop new ways of working (1) as he will have to keep up to date with business developments (1)</li> </ul> <p style="text-align: right;"><b>1 x 2</b></p> <p>Accept any appropriate alternatives.</p>	<b>(2)</b>

Question Number	Answer	Mark
1(f)	<p>Award one mark for correct identification of a physical sign of the ageing process, up to a maximum of two marks.</p> <p>Any two from:</p> <ul style="list-style-type: none"> <li>• loss of hair</li> <li>• greying hair</li> <li>• loss of muscle tone</li> <li>• loss of strength</li> <li>• loss of mobility</li> <li>• loss of fine motor skills</li> <li>• sensory loss.</li> </ul> <p>Accept any appropriate alternatives.</p> <p>Do not accept loss of skin elasticity.</p> <p style="text-align: right;"><b>2 x 1</b></p>	<b>(2)</b>

Question Number	Answer	Mark
1(g)(i)	<p>Award one mark for correct identification of how maintaining family relationships can affect social development, up to a maximum of two marks.</p> <p>Any two from:</p> <ul style="list-style-type: none"> <li>• increased social interaction</li> <li>• improvement of social skills</li> <li>• forming relationships with other people</li> <li>• social role models</li> <li>• reinforcing cultural values.</li> </ul> <p>Accept appropriate reverse/negative responses.</p> <p>Accept any appropriate alternatives.</p> <p style="text-align: right;"><b>2 x 1</b></p>	<b>(2)</b>

Question Number	Answer	Mark
1(g)(ii)	<p>Award one mark for correct identification of how regular visits to family can help maintain their relationships, and award one further mark for correct elaboration, up to a maximum of four marks.</p> <ul style="list-style-type: none"> <li>• Regularly in contact with family (1) increased understanding of health or other issues (1)</li> <li>• Additional time with family (1) enables grandparents to be part of their lives (1)</li> <li>• Older relatives are able to see children grow and develop (1) therefore strengthen relationships (1)</li> <li>• Receipt of unconditional acceptance (1) will increase self-esteem (1)</li> <li>• Feelings of belonging (1) will give a positive self-image (1)</li> </ul> <p style="text-align: right;"><b>2 x 2</b></p>	<b>(4)</b>

Question Number	Answer	Mark
2(a)	<p>Award one mark for how a reduced income may affect Caroline, up to a maximum of two marks.</p> <p><b>Answers must refer to effects on Caroline:</b></p> <ul style="list-style-type: none"> <li>• Malnutrition (1)</li> <li>• Stress/anxiety (1)</li> <li>• Reduced social activities (1)</li> </ul> <p style="text-align: right;"><b>1 x 1</b></p> <p>Accept any appropriate alternatives.</p>	<b>(2)</b>

<b>Question Number</b>	<b>Answer</b>	<b>Mark</b>
2 (b)(i)	<p>Award one mark for correct identification of intellectual skills that David will develop at university, up to a maximum of two marks.</p> <ul style="list-style-type: none"> <li>• Abstract thinking</li> <li>• Problem solving</li> <li>• Creative thinking</li> <li>• Memory development</li> <li>• Increased vocabulary</li> <li>• Increased knowledge</li> <li>• Life skills may develop</li> </ul> <p style="text-align: right;"><b>2 x 1</b></p> <p>Accept any appropriate alternatives.</p>	<b>(2)</b>
<b>Question Number</b>	<b>Answer</b>	<b>Mark</b>
2(b)(ii)	<p>Award one mark for correct identification of one way that going to university could affect David's emotional development and award one further mark for correct elaboration, up to a maximum of 4 marks</p> <ul style="list-style-type: none"> <li>• High self-esteem (1) due to feeling he has achieved something (1)</li> <li>• Increased confidence (1) as he can see a good future (1)</li> <li>• Happiness (1) due to having a purpose in life (1)</li> <li>• Feeling sad (1) because he misses his family and friends (1)</li> <li>• Anxiety/stress (1) due to pressures of study (1)</li> <li>• Feeling lonely (1) because he doesn't know anyone (1)</li> </ul> <p style="text-align: right;"><b>2 x 2</b></p> <p>Accept inverted answers. Accept any appropriate alternatives.</p>	<b>(4)</b>

<b>Question Number</b>	<b>Answer</b>	<b>Mark</b>
2(b)(iii)	<p>Award one mark for correct identification of one way that going to university could affect David's social development and award one further mark for correct elaboration, up to a maximum of two marks</p> <ul style="list-style-type: none"> <li>• Meet new people (1) can develop new relationships (1)</li> <li>• Increased social life (1) as more opportunity to go out (1)</li> <li>• Reduced social life (1) he is leaving his friends behind (1)</li> </ul> <p style="text-align: right;"><b>1 x 2</b></p> <p>Accept any appropriate alternatives.</p>	<b>(2)</b>



Question Number	Answer	Mark
2(b)(iv)	<p>Award one mark for correct identification of an unexpected life event, up to a maximum of two marks.</p> <p>Any two from:</p> <ul style="list-style-type: none"> <li>• death of a partner, relative or friend</li> <li>• accident, injury or ill health</li> <li>• imprisonment</li> <li>• promotion, redundancy or unemployment.</li> </ul> <p style="text-align: right;"><b>2 x 1</b></p> <p>Do not accept exclusion or dropping out of education.</p>	<b>(2)</b>

Question Number	Answer	Mark
2(c)	<p>Award one mark for correct identification of other activities that Stuart could do to promote his independence and award one further mark for correct elaboration, up to a maximum of four marks.</p> <ul style="list-style-type: none"> <li>• Learning to drive (1) so that he can get out more (1)</li> <li>• Choosing his own furniture/decoration for his bedroom (1), would give him a greater sense of ownership (1)</li> <li>• Moving out of home (1) will give a sense of responsibility (1)</li> <li>• Getting involved in domestic tasks (1) will encourage him to learn how to manage a house (1)</li> <li>• Carry out voluntary work (1) will encourage Stuart to take responsibility (1)</li> </ul> <p style="text-align: right;"><b>2 x 2</b></p> <p>Do not accept getting a job/employment. Accept any appropriate alternatives.</p>	<b>(4)</b>

Question Number	Indicative content	Mark
2 (d)	<p><b>Possible effect of Caroline’s pregnancy on Stuart</b></p> <ul style="list-style-type: none"> <li>• may feel pushed out by the prospect of a new baby</li> <li>• may create a change in self-image for Stuart</li> <li>• Stuart may get depressed</li> <li>• Stuart may be jealous</li> <li>• may resent the baby</li> <li>• he may feel excited about the baby</li> <li>• increased sense of responsibility</li> <li>• increased self-worth taking on a role of a big brother</li> <li>• increased possibilities of socialisation</li> <li>• learning about babies, taking care of the child</li> </ul> <p><b>and Stuart’s relationship with his mother:</b></p> <ul style="list-style-type: none"> <li>• may push them apart</li> <li>• may create more arguments</li> <li>• Stuart may start to dislike his mother</li> <li>• their relationship may break down</li> <li>• Stuart and his mother may become closer</li> <li>• sense of purpose because of included in family</li> <li>• increased respect for parents</li> </ul> <p>Accept any appropriate alternatives.</p>	<b>(8)</b>
Level	Descriptor	
0 0 marks	No rewardable material	
1 1-3 marks	A few key points identified, <b>or</b> one point described in some detail. The answer is likely to be in the form of a list. Only one viewpoint considered. Points made will be superficial/generic and not applied/directly linked to the situation in the question.	
2 4-6 marks	Some points identified, <b>or</b> a few key points described. Consideration of more than one viewpoint but there will be more emphasis on one of them. The answer is unbalanced. Most points made will be relevant to the situation in the question, but the link will not always be clear.	
3 7-8 marks	Range of points described, <b>or</b> a few key points explained in depth. All sides of the case are considered and the answer is well-balanced, giving weight to all viewpoints. The majority of points made will be relevant and there will be a clear link to the situation in the question.	

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