

CREDIT LEVEL	E L E M E N T	C O	M A R K
<p>Question 1</p> <p>Design features</p> <p>Zip-off legs</p> <ul style="list-style-type: none"> ◆ Finn can zip off the legs of the trousers so they will not get wet at the beach <ul style="list-style-type: none"> + he will feel more comfortable when playing games + he will not have to change his trousers for the evening ◆ Finn can zip off the legs of the trousers which will keep him cool at the beach <ul style="list-style-type: none"> + he will feel more comfortable when playing games + it may be very warm weather ◆ Finn can zip off the legs of the trousers before playing at the beach which will prevent his trousers getting creased <ul style="list-style-type: none"> + he will need to look smart for going out for a meal ◆ Saves Finn having to take shorts and trousers as he can zip off the legs of the trousers to make shorts <ul style="list-style-type: none"> + he will need shorts for the beach and trousers for the evening + he can leave the legs on the trousers if it is cold at the beach + he will feel more comfortable when playing games + he will need trousers look smart for going out for a meal <p>Zip fastening cargo pockets</p> <ul style="list-style-type: none"> ◆ Pockets useful for Finn to keep money/wallet/valuables/keys/mobile, sunglasses <ul style="list-style-type: none"> + they will not fall out and get lost when he is at the beach + items are less likely to get stolen during his day trip <p>Mesh lined</p> <ul style="list-style-type: none"> ◆ Will absorb perspiration when Finn is playing games on the beach / if it is hot on the beach <ul style="list-style-type: none"> + Finn will not get too hot + Finn will feel comfortable 			

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<p>Question 1 (a) (continued)</p> <p>Adjustable drawstring waistband</p> <ul style="list-style-type: none"> ◆ Finn can tighten or slacken the waistband when on the beach/playing games <ul style="list-style-type: none"> + to be a comfortable fit + to prevent trousers falling down ◆ Finn can tighten or slacken the waistband which is important when dining <ul style="list-style-type: none"> + to feel comfortable ◆ Finn can tighten or slacken the waistband when travelling to home /from beach/hotel <ul style="list-style-type: none"> + to feel comfortable <p>Shower resistant fabric</p> <ul style="list-style-type: none"> ◆ If Finn gets splashed on the beach, his trousers will shed the water so that his trousers do not get wet <ul style="list-style-type: none"> + will be more comfortable + he will have dry trousers for the evening meal + he will look smart for eating out in the evening <p>Crease resistant</p> <ul style="list-style-type: none"> ◆ Trousers will not be creased after a day on the beach/playing games <ul style="list-style-type: none"> + he will look smart for eating out in the evening ◆ Trousers will not be creased after travelling on the day trip <ul style="list-style-type: none"> + will look smart when he arrives for his day trip <p>1 mark for each of four points explaining how the design feature is useful to Finn</p> <p>+1 mark for each of four reasons explaining why each point is important</p> <p>TOTAL: 8 marks</p>	KU	2	8
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<p>Question 1 (continued)</p> <p>(b) Evaluation of Dinner</p> <p>Energy DRV</p> <ul style="list-style-type: none"> ◆ The meal has less energy than required <p>Explanation:</p> <ul style="list-style-type: none"> ◆ Finn will have used lots of energy when playing beach games <p>Consequence:</p> <ul style="list-style-type: none"> ◆ this is not good as Finn will be tired after his day out <p>Protein DRV</p> <ul style="list-style-type: none"> ◆ The meal contains more protein than required <p>Explanation:</p> <ul style="list-style-type: none"> ◆ Finn is 16 and still growing he may need this amount of protein for growth, repair and maintenance of body cells ◆ so this could be useful as a secondary source of energy for Finn <p>Consequence:</p> <ul style="list-style-type: none"> ◆ Excess protein therefore will not affect Finn's growth, repair and maintenance of body cells ◆ Could be useful as he is energetic and plays sports and it may be required to repair breakages/injuries received ◆ As his meal is low in energy and he will have used lots of energy playing beach games 			
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<p>Question 1 (b) (continued)</p> <p>Vitamin B2 DRV</p> <p>The meal has less vitamin B2 than required.</p> <p>Explanation:</p> <ul style="list-style-type: none"> ◆ could mean that Finn will lack energy as vitamin B2 is important for the release of energy from carbohydrate / food ◆ required for normal growth in children <p>Consequence:</p> <ul style="list-style-type: none"> ◆ this is not good as Finn will be tired due to lack of energy after playing beach games ◆ Finn is 16 and still growing and will require sufficient vitamin B2 to prevent growth being affected <p>Vitamin D DRV</p> <ul style="list-style-type: none"> ◆ Meal provides more vitamin D than required <p>Explanation:</p> <ul style="list-style-type: none"> ◆ vitamin D ensures that calcium intake is effectively absorbed to be used for building bones/repairing breakages ◆ is important in maintaining/helping with bone formation for strong bones and teeth <p>Consequence:</p> <ul style="list-style-type: none"> ◆ excess vitamin D could be useful as Finn plays sports and it may be required to repair breakages/injuries received ◆ excess vitamin D could be useful for Finn as a 16 year old as it would help prevent osteoporosis in later life 			
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<p>Question 1 (b) (continued)</p> <p>Iron DRV</p> <ul style="list-style-type: none"> ◆ The meal provides almost correct amount of iron <p>Explanation:</p> <ul style="list-style-type: none"> ◆ iron is required to make haemoglobin/red blood cells which carry oxygen round the body <p>Consequence:</p> <ul style="list-style-type: none"> ◆ which is important for Finn as he is 16 and blood volume is increasing during teenage years ◆ good for Finn as it helps prevent anaemia causing him to be tired after a day playing beach games (the increased activity means body cells need more oxygen.) <p>Phosphorus DRV</p> <ul style="list-style-type: none"> ◆ The meal contains more phosphorus than required <p>Explanation:</p> <ul style="list-style-type: none"> ◆ phosphorus is required with vitamin D and calcium to develop strong bones and teeth <p>Consequence</p> <ul style="list-style-type: none"> ◆ excess phosphorus will not be a problem for Finn as he is still growing he needs phosphorus to help develop bones and teeth ◆ excess phosphorus could be useful as Finn plays sports and it may be required to repair breakages/injuries received ◆ excess phosphorus could be useful for Finn as a 16 year old as it would help prevent osteoporosis in later life <p>1 mark for each of four points explaining how the meal meets/does not meet the DRV</p> <p>1 mark for each of four explanations relating to the nutrient function</p> <p>1 mark for each of four points explaining the consequences to Finn of having too much/not enough of the nutrient</p> <p>TOTAL: 12 marks</p>			
	HI	4	12