

Forename

GENERAL CERTIF	ICATE OF SECONDARY	EDUCATION	
DESIGN AND TECHNOLOGY: FOOD TECHNOLOGY		J302	
Unit A525: Sustainab	ility and technical aspects of c	designing and making	
Candidates answer A calculator may be OCR Supplied Mate None Other Materials Re • Pencil • Ruler (cm/mm	erials: quired:		<b>Duration</b> : 1 hour 30 minutes
Candidate		Candidate	

SPECIMEN

Centre Number			Candidate Number		

Surname

## **INSTRUCTIONS TO CANDIDATES**

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only. •
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer all the questions in section A and section B.
- Write your answer to each question in the space provided, however additional paper may be used if necessary.
- Do not write in Bar Codes.

## **INFORMATION FOR CANDIDATES**

- Your quality of written communication is assessed in questions marked • with an asterisk (\*).
- The number of marks for each question is given in brackets [] at the end of the question or part question.
- Dimensions are in millimetres unless stated otherwise. •
- The total number of marks for this paper is 80.
- This document consists of 16 pages. Any blank pages are indicated.

For Examiner's Use				
	Max	Mark		
1	1			
2	1			
3	1			
4	1			
5	1			
6	1			
7	1			
8	1			
9	1			
10	1			
11	1			
12	1			
13	1			
14	1			
15	1			
16	20			
17	15			
18	15			
19	15			
TOTAL	80			

## Section A

2

## Answer **all** questions.

## On questions 1 - 5 circle your answer.

1	Whi	ch food can be sold as free range?	
	(a)	Fish	
	(b)	Eggs	
	(c)	Pork	
	(d)	Vegetables	
			[1]
2	Whe	en are strawberries in season in the UK?	
	(a)	July	
	(b)	December	
	(c)	March	
	(d)	February	
			[1]
3	Whi	ch of the following can be put into compost bins?	
	(a)	Egg shells	
	(b)	Cooked vegetables	
	(c)	Meat	
	(d)	Cake	
			[1]
4	Whi	ch method of cooking retains the most vitamin C?	
	(a)	Steaming	
	(b)	Boiling	
	(c)	Frying	
	(d)	Poaching	
			[1]
5	Pro	cessed foods usually contain less:	
	(a)	Sugar	
	(b)	Fat	
	(c)	Salt	

(d) Fibre

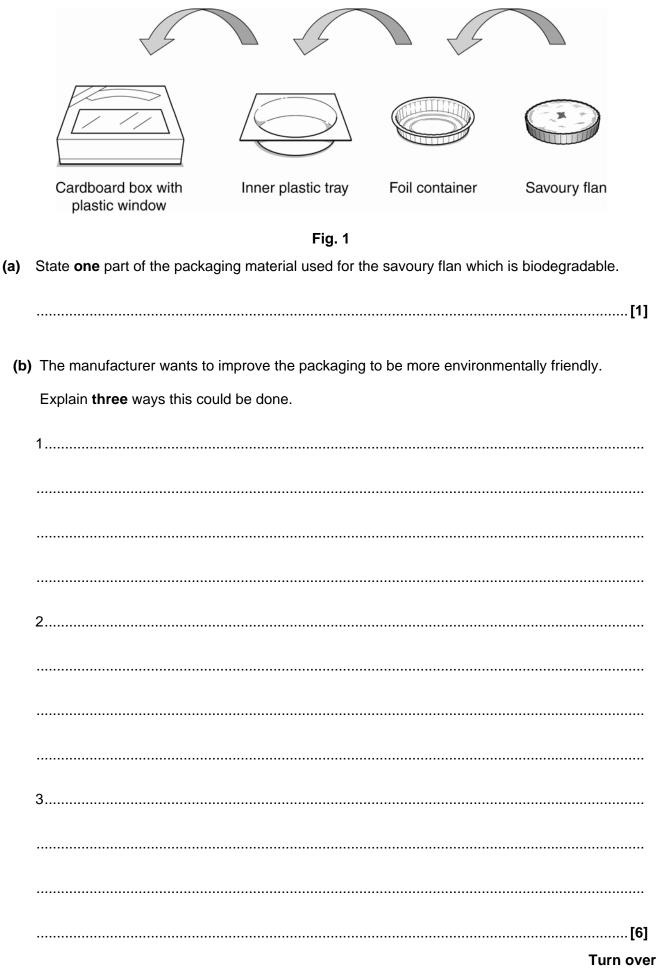
[1]

6	State what is meant by biodegradable packaging.
7	[1] How many portions of fruit and vegetables should you eat in a day?
8	The symbol shown stands for:
9	[1] State what the initials GM stand for.
	[1]
10	State how some manufacturers encourage consumers to recycle packaging

4

	Decide whether each of the following statements is true or false.	True	False	
	Tick $[\checkmark]$ the box to show your answer.			
11	We should be reducing the amount of salt we eat			[1]
12	Glass can be recycled.			[1]
13	Reduced fat products are always low in calories.			[1]
14	Iron is needed to prevent scurvy.			[1]
15	We are being encouraged to buy locally sourced products			[1]

**16** Fig. 1 shows the packaging materials used on a luxury savoury flan product.



(c) Fig, 2 shows the nutritional labelling on the front of the savoury flan package.



Fig. 2

.....[1]

(d) Fig. 3 shows the main ingredients used in the savoury flan.

Shortcrust pastry	Pesto. Tomato and Mozzarella Cheese filling
white flour	double cream     onion
butter	full fat milk         orn flour
water	eggs – free range      garlic
<ul> <li>salt</li> </ul>	cherry tomatoes         • salt
	mozzarella cheese      pepper
	cheddar cheese         • pesto



The savoury flan is to be changed so that it can be promoted as part of a healthier range of luxury food products.

Complete the chart below to show **two** different ways this could be done.

Ingredient in Savoury Flan	Ingredient changed to	Reason
1	[1]	[1]
2	[1]	[1]

Name this system.

(e)\* Discuss why a family may choose to buy organic products.

Marks will be awarded for the quality of written communication in your answer.

[6]

(f) Allergy information is required on food labelling by law.State two ingredients in the savoury flan which would be listed in the allergy information.

1	 
2	 [2]

9

## Section B

## Answer all questions

17 Fig. 4 shows a fruit mousse.





- (a) State how the fruit mousse should be stored in the home.
  [1]
  (b) The fruit mousse is an example of a high risk food because it contains eggs and cream.
  Explain one reason why this makes it a high risk food product.
- (c) Name two nutrients found in eggs and state the dietary function of each.

Nutrient	Dietary function
1	
2	

(d) Eggs have many functions in food products. Explain two functions of eggs in food preparation. 1..... 2..... .....[4] (e) Give two reasons why we are being encouraged to eat more fruit. 1..... 2..... .....[2] (f) State two ways that apples can be preserved. 1..... 2.....**[2]**  18 Fig.5 shows a batch of traditional sweet scones and the basic ingredients.



Ingredients 200g Self Raising Flour 50g Margarine 50g Sugar 125ml Milk



(a) There is an increasing market for a new reduced calorie scone product.

The design specification for the new scone product includes;

- reduced calorie
- increased fibre
- attractive finish
- appeal to a wide age range

Use labelled sketches and/or notes to design a new scone that meets the specification.

State clearly how your design meets the specification points.

Do not draw any packaging.

Name of product .....

(b)	The number of obese people is increasing.	
	State two health problems associated with obesity.	
	1	
	Ι	••••
	2	
		[2]
(c)	Give two reasons why it is necessary for a manufacturer to identify a target group.	
	1	
	1	••••
	2	
		[2]
(d)	The scones are baked in an oven.	
	Name one method of heat transfer used when baking scones in the oven.	
	Mathad	<b>Г4</b> 1
	Method	[1]
	State how the heat is transferred	
		[1]
(e)	Give <b>three</b> quality control checks that could be carried out during the production of a batch of scones.	
	1	
	2	••••
	3	
		-
		[3]

**19** Fig.6 shows a child's packed lunch box.





(a) The packed lunch in Fig.6 consists of :

white bread ham sandwich packet of crisps chocolate bar flavoured fizzy drink.

Complete the chart below to show how this packed lunch could be changed to meet healthy eating guidelines.

Packed lunch	Changed to
White bread ham sandwich	
Packet of crisps	
Chocolate bar	
Flavoured fizzy drink	

 (d)\* Discuss the strategies that have been implemented in schools to encourage teenagers to adopt a healthier lifestyle.

Marks will be awarded for the quality of written communication in your answer.

..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... .....[6]

## END OF QUESTION PAPER



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OCR RECOGNISING ACHIEVEMENT	SPECIMEN
Sample Assessment Material	
<b>DESIGN AND TECHNOLOGY: FOOD TECHNOLOGY</b> <b>A525</b> : Sustainability and technical aspects of designing and making	
MARK SCHEME	
	Duration: 1 hour 30 minutes

MAXIMUM MARK 80

DRAFT

This document consists of 17 pages

## MARKING INSTRUCTIONS

# PREPARATION FOR MARKING SCORIS

- 1. Make sure that you have accessed and completed the relevant training packages for on-screen marking: scoris assessor Online Training; OCR Essential Guide to Marking.
- 2. Make sure that you have read and understood the mark scheme and the question paper for this unit. These are posted on the RM Cambridge Assessment Support Portal <u>http://www.rm.com/support/ca</u>
- 3. Log-in to scoris and mark the **required number** of practice responses ("scripts") and the **number of required** standardisation responses

YOU MUST MARK 10 PRACTICE AND 10 STANDARDISATION RESPONSES BEFORE YOU CAN BE APPROVED TO MARK LIVE SCRIPTS.

## TRADITIONAL

Before the Standardisation meeting you must mark at least 10 scripts from several centres. For this preliminary marking you should use **pencil** and follow the **mark scheme**. Bring these **marked scripts** to the meeting.

## MARKING

- 1. Mark strictly to the mark scheme.
- 2. Marks awarded must relate directly to the marking criteria.
- 3. The schedule of dates is very important. It is essential that you meet the scoris 50% and 100% (traditional 40% Batch 1 and 100% Batch 2) deadlines. If you experience problems, you must contact your Team Leader (Supervisor) without delay.
- 4. If you are in any doubt about applying the mark scheme, consult your Team Leader by telephone or the scoris messaging system, or by email.
- 5. Work crossed out:
  - a. where a candidate crosses out an answer and provides an alternative response, the crossed out response is not marked and gains no marks
  - b. if a candidate crosses out an answer to a whole question and makes no second attempt, and if the inclusion of the answer does not cause a rubric infringement, the assessor should attempt to mark the crossed out answer and award marks appropriately.

### Mark Scheme

- 6. Always check the pages (and additional objects if present) at the end of the response in case any answers have been continued there. If the candidate has continued an answer there then add a tick to confirm that the work has been seen.
- 7. There is a NR (No Response) option. Award NR (No Response)
  - if there is nothing written at all in the answer space
  - OR if there is a comment which does not in anyway relate to the question (e.g. 'can't do', 'don't know')
  - OR if there is a mark (e.g. a dash, a question mark) which isn't an attempt at the question

Note: Award 0 marks - for an attempt that earns no credit (including copying out the question)

- 8. The scoris comments box is used by your team leader to explain the marking of the practice responses. Please refer to these comments when checking your practice responses. Do not use the comments box for any other reason. If you have any questions or comments for your team leader, use the phone, the scoris messaging system, or e-mail.
- 9. Assistant Examiners will send a brief report on the performance of candidates to their Team Leader (Supervisor) via email by the end of the marking period. The report should contain notes on particular strengths displayed as well as common errors or weaknesses. Constructive criticism of the question paper/mark scheme is also appreciated.
- 10. For answers marked by levels of response:
  - a. To determine the level start at the highest level and work down until you reach the level that matches the answer
  - b. To determine the mark within the level, consider the following:

Descriptor	Award mark
On the borderline of this level and the one	At bottom of level
below	
Just enough achievement on balance for this	Above bottom and either below middle or at middle of level (depending on number of
level	marks available)
Meets the criteria but with some slight	Above middle and either below top of level or at middle of level (depending on number
inconsistency	of marks available)
Consistently meets the criteria for this level	At top of level

## Section A

Questic	on Answer	Marks	Guidance
1	(b) Eggs	1	
2	(a) July	1	
3	(a) Egg shells	1	
4	(a) Steaming	1	
5	(d) Fibre	1	
6	Decomposes Does not produce harmful gases	1	
7	5	1	1 mark
8	Compostable	1	1 mark
9	Genetically modified	1	1 mark
10	<ul> <li>Putting on symbols</li> <li>Mobius loop</li> <li>Recycling symbols</li> </ul>	1	1 mark
11	True	1	1 mark
12	True	1	1 mark
13	False	1	1 mark
14	False	1	1 mark
15	True	1	1 mark
	Total	15	

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Qı	Question 16 (a)		Answer	Marks	Guidance
16			Cardboard outer box.		1 mark
	(b)		<ul> <li><u>Plastic window</u> – replace with a potato starch window – still clear so you can see the product – but it is biodegradable</li> <li><u>No window</u> – as plastic is difficult to recycle and have a good picture of the product on the front to show what it is like/serving suggestions</li> <li><u>No plastic tray inner</u> – this is not needed as the container the product is cooked in provides the necessary protection for the product</li> <li><u>Reduce the size of the packaging</u> – with no plastic inner – this will reduce the amount of packaging materials used/use a sleeve instead of a box</li> <li><u>Cook the product in heat – paperboard container/ovenable</u> – this has less co2 emissions/can come from renewable sources/is recyclable/foil trays are not always suitable for recycling</li> <li><u>Sustainable sources</u> – ensure that the cardboard packaging materials are obtained from well managed forests.</li> </ul>	6	<ul> <li>3 x 1 mark for each point</li> <li>3 x 1 mark for the development of each point</li> <li>Do not credit the same point twice with reference to the plastic window/inner</li> </ul>
	(c)		Traffic light.	1	1 mark

Question		Answer	Marks	Guidance	
(d)	Ingredient in savoury flan	Ingredient changed to	Reason	4	4 x 1 mark Do not accept the same reason twice Do not accept low fat butter
	Butter	Vegetable margarine.	Lower in saturated fat.		
	White flour	Wholemeal flour.	<ul> <li>Increase the fibre content.</li> </ul>		
	Salt	Other herbs/ seasonings	<ul> <li>Linked to high blood pressure/strokes/ heart disease</li> </ul>		
	Double cream	<ul> <li>Single cream</li> <li>Whipping cream</li> <li>Milk – any type</li> <li>Cream alternative eg Elmlea</li> <li>Yoghurt</li> <li>Reduced fat crème fraiche</li> <li>Fromage fraise.</li> </ul>	<ul> <li>Lower fat content</li> <li>Reduce the saturated fat content</li> <li>Reduce the cholesterol.</li> </ul>		
	Full fat milk	<ul> <li>Skimmed or semi skimmed.</li> </ul>	<ul> <li>Lower fat content</li> <li>Reduce the saturated fat content</li> <li>Reduce the cholesterol.</li> </ul>		
	Cheeses	<ul> <li>Reduce the amount</li> <li>Reduce the amount/and use stronger flavour cheese</li> <li>Use reduced fat/light varieties.</li> </ul>	<ul> <li>Lower fat content</li> <li>Reduce the saturated fat content</li> <li>Reduce the cholesterol.</li> </ul>		

Question	Answer	Marks	Guidance
(e)	<ul> <li>Discuss why a family may choose to buy organic products.</li> <li>Points may include:</li> <li>Moral issues</li> <li>Objection to chemical fertilisers/pesticides</li> <li>Do not want any GM foods</li> <li>Concern about animal welfare</li> <li>Objection to factory farmed foods</li> <li>Do not like the way animals are being treated/ are being fed</li> <li>Do not want antibiotics etc given to animals</li> <li>Selective breeding has been used to increase yields</li> <li>Happier that animals are allowed to forage /have continuous daytime access to vegetation</li> <li>Organic foods taste better</li> <li>Respect for the environment/soil structure and wildlife.</li> <li>Other issues:</li> <li>No legal standards for any animal except chickens</li> <li>Media esp Jamie Oliver has had an influence particularly on children</li> <li>Recent studies show salmonella lower in free range eggs</li> <li>Technical terms – genetically modified/ pesticides/fertilisers/herbisides/anitibiotics</li> </ul>	6	<ul> <li>Level 3 (5-6 marks) Thorough discussion, showing detailed understanding of free range, the moral issues, costs implications and the alternatives. Specialist terms will be used appropriately and correctly. The information will be presented in a structured format. The candidate can demonstrate the accurate use of spelling, punctuation and grammar.</li> <li>Level 2 (3-4 marks) Adequate discussion, showing some understanding of the implications There will be some use of specialist terms, although these may not always be used appropriately. The information will be presented for the most part in a structured format. There may be occasional errors in spelling, grammar and punctuation</li> <li>Level 1 (1-2 marks) Basic discussion, showing limited understanding of what a free range product is. There will be little or no use of specialist terms. Answers may be ambiguous or disorganised. Errors of grammar, punctuation and spelling may be intrusive.</li> <li>Technical terms – genetically modified/ pesticides/fertilisers/herbisides/anitibiotics</li> <li>0 marks = no response or no response worthy of credit</li> </ul>

Q	uestic	on	Answer	Marks	Guidance
	(f)		<ul> <li>Any two ingredients, one mark each:</li> <li>Milk</li> <li>Eggs</li> <li>Wheat/flour.</li> </ul>	2	
			Total	20	

## Section B

Question	Answer	Marks	Guidance
17 (a)	<ul> <li>1 x 1 mark</li> <li>In a refrigerator</li> <li>Between 0-8 C</li> </ul>	1	
(b)	<ul> <li>Max two marks for an accurate explanation:</li> <li>High risk food is high in protein and moisture and bacteria will grow quickly if not stored correctly</li> <li>Eggs - a risk of Salmonella bacteria present which will cause food poisoning</li> <li>Mousses not generally cooked therefore bacteria are still alive</li> </ul>	2	2 marks for answers showing a clear understanding and explanation 1 mark for a brief answer Do not give marks for stating that it is high in eggs and cream.
(C)	Protein         • Body building /growth/muscles         • Cell repair/maintenance         • Source of energy         • Enzyme and hormone formation         • Transportation of minerals (iron)         Fat         • Concentrated source of energy         • Essential in structure of body cells         • Source of fat soluble vitamins         • Acts as an insulator         • Slow to digest so prevents hunger         Iron         • Formation of red blood cells         • Carries oxygen around the body         Phosphorus         • Builds bones and teeth         • Energy transfer         • Metabolism         • Blood formation	4	1 x 1 mark for stating nutrient 1 x 1 mark for a Function

Question	Answer			Marks	Guidance
	<ul> <li>A Increat</li> <li>Cells i</li> <li>D Teeth</li> <li>Quicket</li> <li>Absor</li> <li>E Anti or</li> <li>K Clottin</li> </ul>	ng of blood <b>min</b> Aids in the metabolism	act		
(d)	2 x 2 marks Property Thickening	Explanation Coagulation of protein	Example Custard/Quiche	4	2 x 2 marks for answers showing a function and a clear explanation. The explanation must be specific, do not allow repetition.
	Binding	thickens a sauce Egg coagulates and sticks the dry ingredients together	Burgers		1x 1 mark for a brief answers/function only
	Coating	Egg coagulates and provides a strong coating to hold the product together.	Fried fish		
	Forms a foam /Lightening	Egg white can trap air when it is beaten. The mixture sets when it is heated	Swiss Roll, Meringues		
	Emulsifier	Eggs help to stabilize fat and sugar in the creaming method. Eggs hold oil and vinegar in a finely emulsified form.	Creamed cakes Mayonnaise		
	Glaze	During baking egg glaze turns brown to give an attractive finish to products.	Pastries and pies		

Question	Answer	Marks	Guidance
(e)	<ul> <li>Part of a balanced diet</li> <li>Vitamins</li> <li>Minerals</li> <li>Fibre (NSP)</li> <li>Add colour/variety/ texture/ flavour to diet</li> <li>Low in fat</li> <li>Lower in calories. Fill you up but lower in calories.</li> <li>Antioxidants - protect against cancers /coronary heart disease/disease</li> </ul>	2	One mark for each correct answer. <b>Two required.</b>
(f)	<ul> <li>Freeze them in slices/Freeze as a puree/stew them and freeze</li> <li>Make apple pies/apple products and freeze them</li> <li>Use them in jams / jellies with other fruits</li> <li>Use them in Chutneys</li> </ul>	2	One mark for a correct answer. Two required
	Total	15	

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Question	Answer	Marks	Guidance	
18 (a)	Specification pointDescription• Reduced calorie• Must show evidence of including low calorie ingredients eg skimmed/semi skimmed milk• Low fat cheese/half fat/lowering the fat • Omitting sugar• Increased fibre• Wholemeal flour • Addition of named vegetable/fruit • Bran/Oats • Do not allow nuts and seeds• Attractive finish• Lattice top/decorated top/overlapping shapes of dough • Use of glaze/egg glaze/milk glaze • Sprinkled with grated cheese/herbs• Appeal to a wide age range• Any suitable shape- layers/rolled/parcel • Flavour-low fat cheese/sundried tomatoes/olives /herbs/ onion/chopped vegetables/chopped meat. • Cost • Family size/individually wrapped		Up to four marks for how the design meets the four specification points 2 marks for description Explanation must clearly show how it meets the design specification	
(b)	<ul> <li>Any two health problems, one mark each:</li> <li>High blood pressure</li> <li>Diabetes</li> <li>Breathlessness</li> <li>Heart disease</li> <li>Cancers</li> </ul>	2		

Mark Scheme

Question	Answer	Marks	Guidance
(c)	<ul> <li>Any two reasons, one mark each:</li> <li>To identify the needs of a consumer/likes/dislikes</li> <li>To decide where it will be sold</li> <li>Decide how it will be promoted /marketed/advertised</li> <li>To identify a gap in the market for a specific group</li> <li>To know the price a target group will pay for a product</li> <li>To be able to adapt recipes to suit needs</li> <li>To identify what consumer trends are</li> <li>To be competitive / be able to sell their product</li> </ul>	2	
(d)	<ul> <li>Method</li> <li>Conduction</li> <li>Convection</li> <li>Explanation</li> <li>Conduction: heat is passed through the baking sheet to the scones. Metals conduct heat quickly and easily.</li> <li>Convection: heat travels around the air by currents in the oven.</li> </ul>	2	1 mark for method and 1 mark for explanation
(e)	<ul> <li>Any three quality control checks, one mark each:</li> <li>Weighing ingredients</li> <li>Consistency of dough</li> <li>Thickness of dough</li> <li>Cutting dough into accurate portions/use of extruder</li> <li>Temperature control during cooking</li> <li>Time control during cooking</li> <li>Colour sensor</li> <li>Cooling time</li> <li>Sealing packages</li> <li>Metal detector</li> <li>Weight of finished scones</li> </ul>	3	
	Total	15	

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Question		Answer Marks Guidance		
19		Answer         Ham Sandwiches         • Wholemeal bread or buns or pitta or wraps or pizza. (Wholemeal)         • Change ham to chicken/turkey/eggs/reduced salt bread/reduced fat ham/tuna in oil or water         • Use low fat spread         • Add any suitable named vegetable/tomatoes/cucumber         Crisps         • Change to nuts/rice cakes/popcorn/pretzels/twiglets/bread sticks. Low fat/baked/low salt varieties         • Any named fruit. Do not accept 'fruit'         • Vegetable sticks e.g. carrots/any suitable vegetable.         • Vegetable crisps( low fat)         Chocolate bar         • Dried fruit         • Cereal bar         • Yoghurt	Marks 4	Guidance One mark for each correct answer. Four required
		<ul> <li>Yognurt</li> <li>Reduced sugar or fat cake or biscuit eg scone/fruit bread</li> <li>Any named fruit</li> <li><u>Fizzy drink</u></li> <li>Unsweetened fruit juices</li> <li>Milk</li> <li>Yoghurt drink</li> <li>Water/flavoured water</li> <li>Fruit smoothie</li> <li>Sugar free/diet dizzy drink</li> </ul>		

Question	Answer	Marks	Guidance
(b)	<ul> <li>Ranking test</li> <li>Five different products would be labelled A/B/C/D/E or given symbols. The taster could be asked to taste and rank the order of 5 different products. Starting with the one they liked to best.</li> <li>Rating Test</li> <li>The products are each given a score of a scale eg 1-5. The scale could be from dislike a lot- to like a lot.</li> <li>Star profile</li> <li>This can show the sensory descriptors for the product. People on the tasting panel can rate each sensory quality to give a profile. Results can be compared to see what different people think about the product.</li> <li>Triangle testing</li> <li>This could be used to see if the panel could recognise their specific brand of product</li> <li>Tasters are given 3 samples to try and they have to tell the difference between brands.</li> <li>The following points may be used in the descriptions.</li> <li>Testing must take place in a controlled environment eg lighting, temperature, presentation of food on identical sized and shaped plates.</li> <li>Separate compartments/booths so that each tester is not affected by others.</li> <li>Small number of samples at one time so the tester do not become overwhelmed or forget what they have tasted.</li> <li>Samples are coded randomly so that the tester cannot guess the result. Drinking water/plain biscuits should be eaten to clear the mouth.</li> <li>Clear instruction given for the testers.</li> </ul>	2	1 x 1 mark for naming method 2 x 1 mark for further explanation

Question	Answer	Marks	Guidance
Question (C) (d)	Answer         Any three factors, one mark each:         Age         Sex         Occupation/job         Physical activity/exercise         State of health         Time of year         Basal metabolic rate         Discussion of how schools are encouraging students to have healthy lifestyles.         PE Lessons/ after school sports clubs/teams - encourages physical activity/develops good habits         Water fountains/water bottles in lessons - to maintain fluid levels         Food lessons/Licence to cook/Cooking clubs/Get Active kids award- develops knowledge on 'health eating'         Healthy school meals/more fresh fruit – encourages good eating habits         Jamie Oliver's influence/media influence/celebrity influence-raises our awareness to healthy eating in a fun way         PHSE/ Food Tech lessons on healthy eating - develops knowledge and understanding/teaches skills to use	<ul> <li>6 Level 3 (5-6 marks) Thorough discussion, showing a clear understate strategies that are used in school to encourage styles. Specialist terms will be used appropriate correctly. The information will be presented in a format. The candidate can demonstrate the acc spelling, punctuation and grammar.</li> <li>Level 2 ( 3-4 marks) Adequate discussion, showing a good understate strategies that are used in school to encourage styles. Some specialist terms will be used appriment and correctly. The information will be presented structured format. The candidate may demonstriced structured format. Structured format. Structured</li></ul>	<b>Level 3 (5-6 marks)</b> Thorough discussion, showing a clear understanding of the strategies that are used in school to encourage healthy life styles. Specialist terms will be used appropriately and correctly. The information will be presented in a structured format. The candidate can demonstrate the accurate use of spelling, punctuation and grammar.
	<ul> <li>No Fizzy drinks machines –replace with water fountains</li> <li>Breakfast clubs- to encourage people to eat breakfast/most important meal of the day</li> <li>Award systems for a healthier lunch choice-develops good eating habits</li> <li>Walk to school-more fresh air/more exercise</li> <li>PHSE/science lessons on dangers of smoking, drugs and alcohol</li> </ul>		Level 1 (1-2 marks) Basic discussion, if candidates only write in point form a maximum of 2 marks should be awarded, showing some understanding of the strategies that are used in school to encourage healthy life styles. There will be little or no use of specialist terms. Answers may be ambiguous or disorganized. Errors of grammar, punctuation and spelling. 0 marks = no response or no response worthy of credit.
	Total	15	

Assessment Objective Grid				
	GCSE Design & 1	Fechnology: Fo	ood Technology	
	Recall, select and communicate	Apply knowledge, understanding and skills	Analyse and evaluate	
Question	A01	A02	A03	Mark
1	1			1
2		1		1
3		1		1
4	1			1
5			1	1
6		1		1
7	1			1
8		1		1
9	1			1
10		1		1
11	1			1
12	1			1
13	1			1
14	1			1
15	1			1
16 a	1			1
16 b		3	3	6
16 c	1			1
16 d		4		4
16 e*	3		3	6
16f	2			2
17 a	1			1
17 b	2			2
17 c	4			4
17 d	4			4
17 e	2			2
17f	2			2
18 a	4	2		6
18 b	2			2
18 c*	2			2
18 d	2			2
18e			3	3
19 a			4	4
19 b	2			2
19 c	3			3
19 d	6			6
Total	52	14	14	80