

FOR OFFICIAL USE

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Total Marks

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X117/201

NATIONAL
QUALIFICATIONS
2008

THURSDAY, 5 JUNE
1.00 PM – 2.30 PM

HOME ECONOMICS
LIFESTYLE AND
CONSUMER
TECHNOLOGY
INTERMEDIATE 2

Fill in these boxes and read what is printed below.

Full name of centre

--

Town

--

Forename(s)

--

Surname

--

Date of birth

Day Month Year

--	--	--	--	--	--	--	--

Scottish candidate number

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Number of seat

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- 1 Try to answer every question in this paper.
- 2 Read the whole of each question carefully before you answer it.
Remember that some questions have an element of choice in them.
- 3 Write your answers in the spaces provided.
- 4 Additional lines at the end of the booklet can be used if more space is required for answers or if you need to do any rough work.
- 5 Before leaving the examination room you must give this book to the invigilator. If you do not, you may lose all the marks for this paper.



Marks

1. (a) Give **one** function of **each** of the following vitamins.

Vitamin C _____

1

Vitamin A _____

1

Vitamin E _____

1

(b) Describe **two** ways of preventing the loss of vitamin C during the preparation or cooking of green vegetables.

1 _____

1

2 _____

1

Marks

1. (continued)

(c) A teenager who is vegetarian wishes to choose a healthy breakfast cereal.

Study the information about breakfast cereals below and choose the **most suitable** breakfast cereal for the teenager.

Information about Breakfast Cereals							
Nutritional value per portion							
	<i>Energy</i> (kJ)	<i>Protein</i> (g)	<i>Fat</i> (g)	<i>Sodium</i> (g)	<i>Vitamin B</i> (mg)	<i>Iron</i> (mg)	<i>Carbohydrates</i> (g)
A	616	5.9	1.9	0.30	0.4	2.4	26.1
B	537	4.3	0.5	0.25	0.6	3.6	25.7
C	776	9.0	0.5	0.13	3.0	4.3	35.0
D	740	5.8	2.7	0.25	0.7	2.4	31.9

Tick (✓) **one** of the boxes below to indicate your choice.

Cereal A ☐ Cereal B ☐ Cereal C ☐ Cereal D ☐

1

Give **three** reasons for your choice.

Reason 1 _____

_____ **1**

Reason 2 _____

_____ **1**

Reason 3 _____

_____ **1**

[Turn over

Marks

1. (continued)

(d) Name **two** nutrients which might be lacking in a vegan diet.

For each nutrient state **two** food sources which would be suitable for a vegan.

Nutrient 1 _____

Food 1 _____ Food 2 _____

Nutrient 2 _____

Food 1 _____ Food 2 _____

3

[Turn over for Question 2 on *Page six*

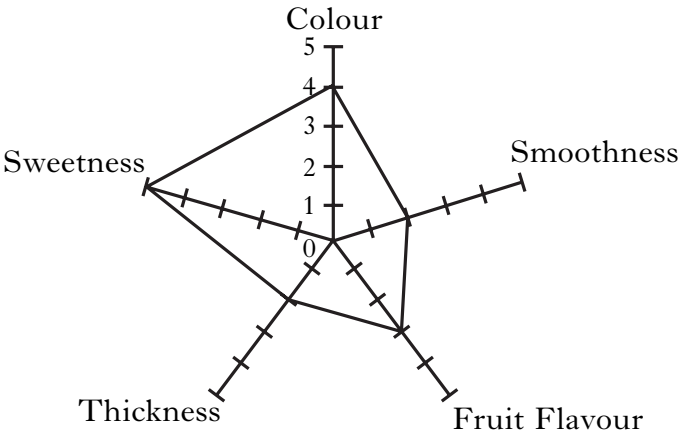
Marks

2. (a) A café wishes to develop a new fruit smoothie.

Study the star diagrams below and select the **most suitable** smoothie for the café.

Information about fruit smoothies

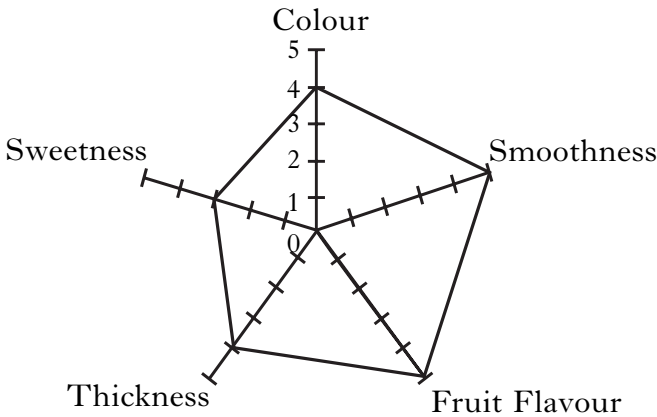
Smoothie A



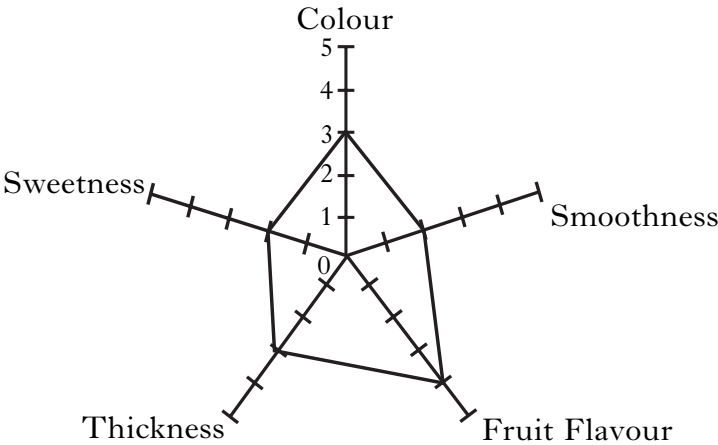
Key:

1 = poor → 5 = excellent

Smoothie B



Smoothie C



Tick (✓) **one** of the boxes below to indicate your choice.

Smoothie A ☐

Smoothie B ☐

Smoothie C ☐

1

Marks

2. (a) (continued)

Give **three** reasons for your choice.

Reason 1 _____

1

Reason 2 _____

1

Reason 3 _____

1

[Turn over

2. (continued)

(b) The café wishes to purchase a smoothie maker.

Study the information about smoothie makers below. Choose **one** smoothie maker and evaluate its suitability for the café.

Smoothie maker A	Smoothie maker B
	
• 2 glass capacity • smoothie maker and juicer in one • 1 speed setting plus pulse button • ice crushing blades • pouring lip on goblet • hand wash only • free recipe book	• 4 glass capacity • shatter proof glass goblet • 3 speed settings plus pulse button • dispensing tap • removable filler cap • dishwasher safe goblet • chrome finish

Tick (✓) **one** of the boxes below to indicate your choice.

Smoothie maker A ☐

Smoothie maker B ☐

Marks

2. (b) (continued)

Evaluation

Point 1 _____

1

Point 2 _____

1

Point 3 _____

1

Point 4 _____

1

[Turn over

Marks

2. (continued)

(c) The café chef wishes to buy a new chef's uniform.

Study the information about chefs' uniforms below and choose the **most suitable** uniform for the chef.

Information about chefs' uniforms				
	Uniform A	Uniform B	Uniform C	Uniform D
Crease resistance	***	**	****	****
Shrink resistance	**	*	****	***
Durability	**	***	****	***
Flame resistance	***	**	***	*
Stain resistant coating	yes	no	yes	no
Cost	££££	£££	££	££

Key:	* —————> ****	£ —————> ££££
	Poor Excellent	Inexpensive Expensive

Tick (✓) **one** of the boxes below to indicate your choice.

Uniform A ☐ Uniform B ☐ Uniform C ☐ Uniform D ☐

1

Marks

2. (c) (continued)

Give **two** reasons for your choice.

Reason 1 _____

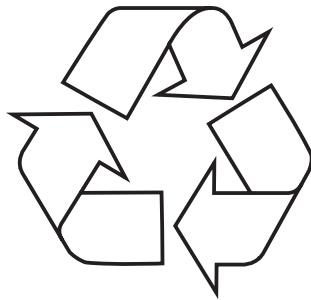
1

Reason 2 _____

1

(d) The following symbol can be found on many items.

Explain the information this symbol gives to the consumer.



Explanation _____

1

[Turn over

Marks

3. (a) Identify **two** checks a health professional would make on a newborn baby.

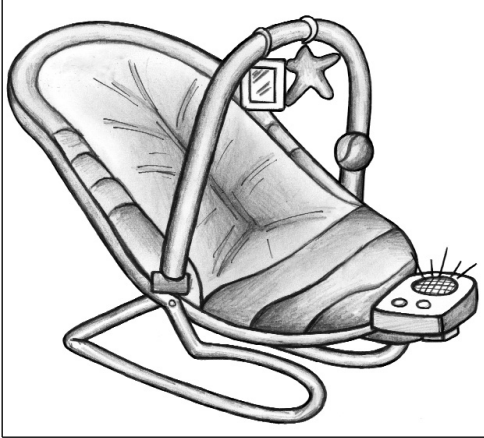
Check 1 _____

Check 2 _____

1

(b) Grandparents on a State pension wish to buy a bouncy chair for their newborn grandchild.

Evaluate the suitability of the bouncy chair below for the grandparents to buy.

Bouncy Chair	
	• suitable from birth – 6 months • cream patterned fabric • cover removable for washing • plays music – battery operated (batteries not included) • detachable soft toys included • carry handle • cost £60

Evaluation

Point 1 _____

_____ 1

Point 2 _____

_____ 1

Point 3 _____

_____ 1

Point 4 _____

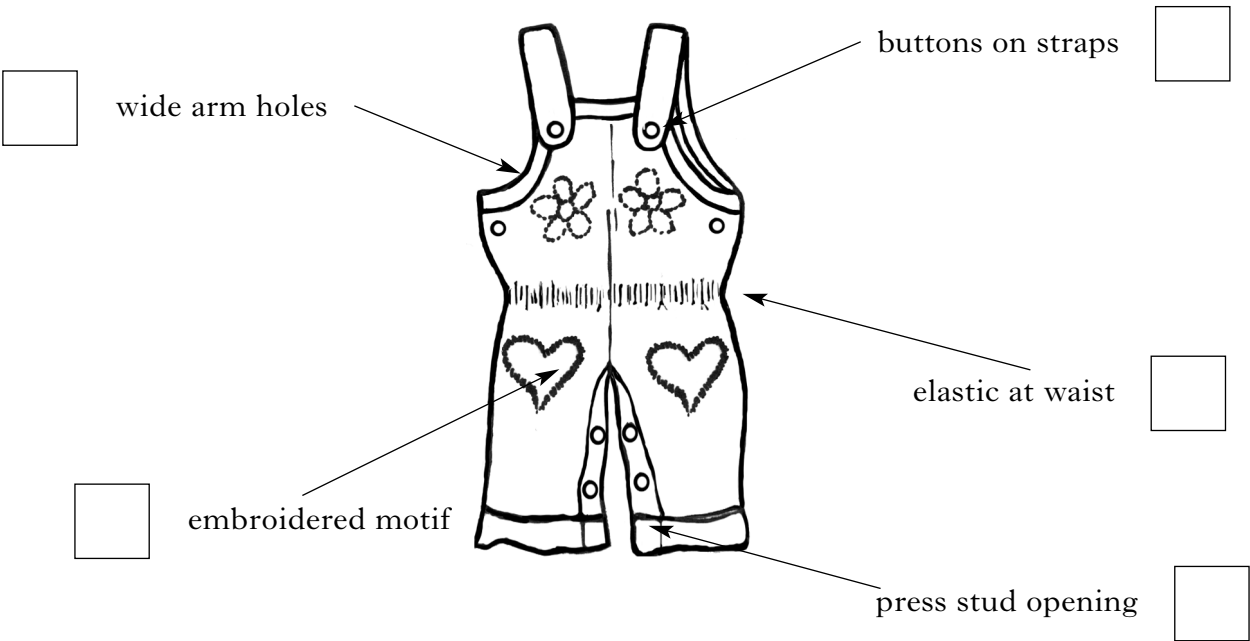
_____ 1

Marks

3. (continued)

(c) Explain the importance of **four** of the following design features when buying a pair of dungarees for a baby.

Number the boxes **1, 2, 3** and **4** to indicate your choice.



Design feature 1 _____

1

Design feature 2 _____

1

Design feature 3 _____

1

Design feature 4 _____

1

Marks

3. (continued)

- (d) The baby's mother wishes to buy a portable bottle warmer to heat up baby milk and baby food. She wishes to take it with her when she uses the car.

Study the information about bottle warmers below and choose the **most suitable** bottle warmer for her to buy.

Information about Bottle Warmers		
A	B	C
- Runs on electricity. - Two heating temperatures. - Heats bottles in 10 minutes. - Separate attachment for heating baby food. - Meets British Standards.	- Runs on electricity with car adaptor. - Thermostatically controlled. - Heats bottles in 4 minutes. - Can only be used to warm up milk. - Cooler attachment keeps bottles cool for up to 8 hours.	- Runs on electricity with car adaptor. - Thermostatically controlled. - Heats bottles and baby food in 4-6 minutes. - Carry case included with Thinsulate lining*. - Meets British Standards.

* keeps contents warm or cool for up to 8 hours

Tick (✓) **one** of the boxes below to indicate your choice.

Bottle Warmer A ☐ Bottle Warmer B ☐ Bottle Warmer C ☐

1

Give **two** reasons for your choice.

Reason 1 _____

1

Reason 2 _____

1

Marks

4. (a) Name an Act that protects the consumer against faulty goods and explain **one** point of the Act.

Name of Act _____

1

Explanation _____

1

- (b) Identify **two** safety points which should be considered when designing an outdoor jacket for a toddler.

Explain the importance of safety point 1.

Safety point 1 _____

Explanation _____

Safety point 2 _____

2

[Turn over

Marks

4. (continued)

- (c) The following symbols can be found on the care label of textile items.
Explain the information given by each symbol.

Care labelling symbols



Symbol 1



Symbol 2



Symbol 3



Symbol 4

Symbol 1 _____

Symbol 2 _____

Symbol 3 _____

Symbol 4 _____

1

1

1

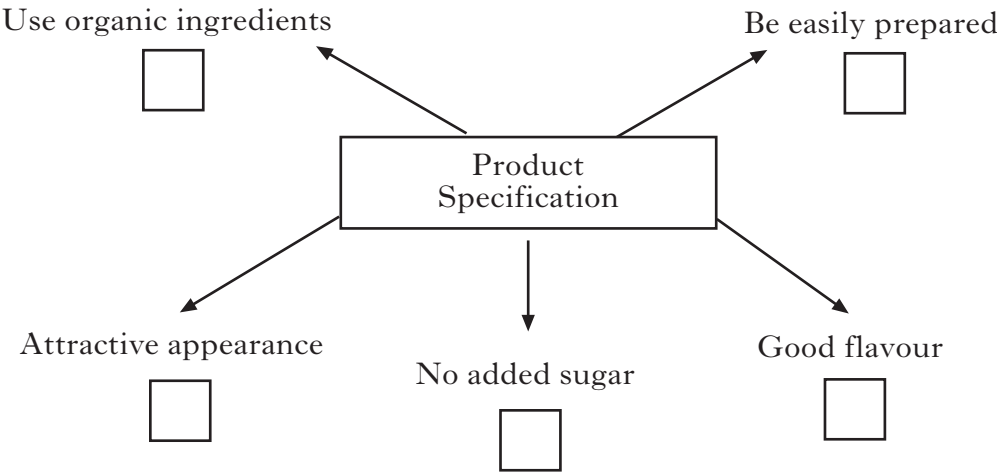
1

Marks

4. (continued)

(d) A food manufacturer wishes to introduce a new product to its range for toddlers. The product specification is shown below.

Choose **four** of the specification points and explain the importance of each point. Number the boxes **1, 2, 3** and **4** to indicate your choice.



Point 1 _____

1

Point 2 _____

1

Point 3 _____

1

Point 4 _____

1

[Turn over

Marks

5. (a) A student is going to a music festival with a friend. They intend to camp there and are taking a small gas stove for cooking.

Study the information about food products below and choose the **most suitable** food product for the student.

Information about Food Products					
	Flavour	Portion size	Storage	Cooking instructions	Cost
A	*****	Serves 2	Cool, dry place	Heat in small pan	££
B	***	Serves 2	Refrigerator	Add boiling water. Stir.	£££
C	**	Serves 1	Refrigerator	Oven cook	£
D	*****	Serves 2/3	Cool, dry place	Microwave or oven cook	£££

Key:	*	—————→	*****	£	—————→	££££
	Poor		Excellent	Inexpensive		Expensive

Tick (✓) **one** of the boxes below to indicate your choice.

Product A ☐ Product B ☐ Product C ☐ Product D ☐ **1**

Give **three** reasons for your choice.

Reason 1 _____

_____ **1**

Reason 2 _____

_____ **1**

Reason 3 _____

_____ **1**

Marks

5. (continued)

- (b) A catering van at the festival is selling a product which contains the following ingredients.

Rice, tuna, sweetcorn, skimmed milk, mushrooms,
whey powder, vegetable oil, salt, dried parsley,
sugar

Identify **two different** Scottish dietary targets which could be met by choosing this product and explain how choosing this meal could contribute to each target.

Dietary target 1 _____

1

Explanation _____

1

Dietary target 2 _____

1

Explanation _____

1

[Turn over

Marks

5. (continued)

(c) An Environmental Health Officer who checked the catering van at the festival found the following.

1. Raw meat and vegetables being prepared using the same knife.

2. Hot food being placed in the refrigerator to cool down.

For each of these situations identify **one** potential food hygiene hazard and give **one** solution to each.

Potential food hygiene hazard 1 _____

1

Solution 1 _____

1

Potential food hygiene hazard 2 _____

1

Solution 2 _____

1

[END OF QUESTION PAPER]

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[illegible]

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