

General Certificate of Education
June 2005
Advanced Subsidiary Examination



DESIGN AND TECHNOLOGY: FOOD TECHNOLOGY FTY3
Unit 3 Design and Market Influences

Friday 10 June 2005 Morning Session

In addition to this paper you will require:

- an 8-page answer book (AB08) which is provided separately;
- normal writing and drawing instruments.

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink or ball-point pen. Pencil and coloured pencils should only be used for drawing.
- Write the information required on the front of your answer book. The *Examining Body* for this paper is AQA. The *Paper Reference* is FTY3.
- Answer **all** questions.

Information

- Two sheets of A3 paper are provided for use with Question 2. *No further sheets are to be used.*
- The maximum mark for this paper is 100, 4 marks of which are for quality of written communication.
- Mark allocations are shown in brackets.
- This paper carries 30 per cent of the total marks for Advanced Subsidiary and 15 per cent for Advanced Level.
- You are reminded of the need for good English and clear presentation. The quality of your written communication will be assessed across all questions.

Advice

- Your answers should be illustrated with sketches and/or diagrams wherever you feel it is appropriate.

You should spend about 30 minutes on this question.

- 1 (a) Explain why there is an increased demand for ready made main meals for children (5–11 years old). *(10 marks)*
- (b) Discuss why food manufacturers would consider the use of organic ingredients when producing ready made main meals for children (5–11 years old). *(10 marks)*

You should spend about 1 hour on this question.

Use the two separate A3 sheets provided to answer question 2 where appropriate. Clearly indicate the sections of the question you answer on the sheets.

- 2 You have been asked to design a ready made main meal for a child (5–11 years old) that:
- is part of a range of children's (5–11 years old) foods to be sold in a supermarket;
 - considers children's (5–11 years old) nutritional needs;
 - is suitable to be reheated in the microwave;
 - will attract children (5–11 years old) and parents;
 - will appeal to cost conscious consumers.
- (a) Sketch and annotate (making reference to the criteria above) **four** possible initial design ideas for ready made main meals for children (5–11 years old).

(4 × 8 marks)

- (b) Select your most promising design and develop it further to illustrate your final design proposal.

In this question, marks will be awarded for:

- (i) quality of communication; *(6 marks)*
- (ii) ingredients/materials to be used; *(8 marks)*
- (iii) originality/innovation of the product; *(6 marks)*
- (iv) development of chosen idea. *(14 marks)*
- (c) Describe how a food manufacturer could use packaging/labelling to attract children (5–11 years old) and parents to ready made main meals.

(10 marks)

END OF QUESTIONS

THERE ARE NO QUESTIONS PRINTED ON THIS PAGE

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FTY3/PM

Unit 3: Design and Market Influences

PRELIMINARY RESEARCH SHEET

Instructions to Centres

- This sheet is to be made available to teachers on the 1 February 2005.
- The theme is to be given to candidates on or after 1 March 2005 to allow time for preliminary research before the examination date.
- Preparatory work may not be taken into the examination room.
- Candidates should be advised that Unit 3 will assess primarily the Design and Market Influences section of the specification.

Theme

- The theme for the 2005 Paper is:

READY MADE MAIN MEALS FOR CHILDREN (5–11 YEARS OLD)

Candidates should research the factors that influence the design of these food products and the forms in which they are currently presented for sale.