

General Certificate of Education
June 2006
Advanced Subsidiary Examination



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

Friday 9 June 2006 9.00 am to 10.30 am

For this paper you must have:

- a lined 8-page answer book (AB08) which is provided separately
- normal writing and drawing instruments
- two sheets of A3 paper for use with Question 2 (enclosed)

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink or ball-point pen. Use pencil and coloured pencils only 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.
- Two sheets of A3 paper are provided for use with Question 2(a) and Question 2(b). No further sheets are to be used when answering these questions.
- Securely attach the two sheets of A3 paper to your answer book at the end of the examination.

Information

- The maximum mark for this paper is 100.
4 of these marks are for the Quality of Written Communication.
- The marks for questions are shown in brackets.
- You are reminded of the need for good English and clear presentation in your answers. Quality of Written Communication will be assessed in all answers.

Advice

- Illustrate your answers with sketches and/or diagrams wherever you feel it is appropriate.

Answer **all** questions.

You are advised to spend about 30 minutes on this question.

- 1** (a) Discuss why cake bars would be purchased by consumers. *(10 marks)*
- (b) Explain why food manufacturers should consider the use of fairly traded (Fairtrade) ingredients when manufacturing cake bars. *(10 marks)*

You are advised to 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. Question 2(c) should be answered in the booklet provided.

2 You have been asked to design a cake bar for a healthy option lunch box that

- is part of a range of healthy option lunch foods
 - is suitable to be eaten with the fingers
 - is decorated attractively
 - will appeal to a range of consumers.
- (a) Sketch and annotate **four** different possible initial design ideas for cake bars for healthy option lunch boxes that take into account the above criteria. *(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 to protect the cake bar. *(10 marks)*

END OF QUESTIONS

There are no questions printed on this page