

**Question 25** (6 marks)

- (a) Why is it necessary to produce a prototype during the development of a food product? 2

It is necessary because the manufacturers will be able to assess whether the product will have success or not. As well as recognising potential hazards in the production process by producing the prototype first.

- (b) How can food product prototypes be tested? 4

Prototypes can be tested by conducting market research whereby individuals try the product and determine whether they like it or not. The results can be collated allowing for statistical analysis. Also, the producers may put the food products on the shelves at a grocery store to see how many people purchase the product. This allows the consumers to freely judge the product without the pressure of a researcher being there.