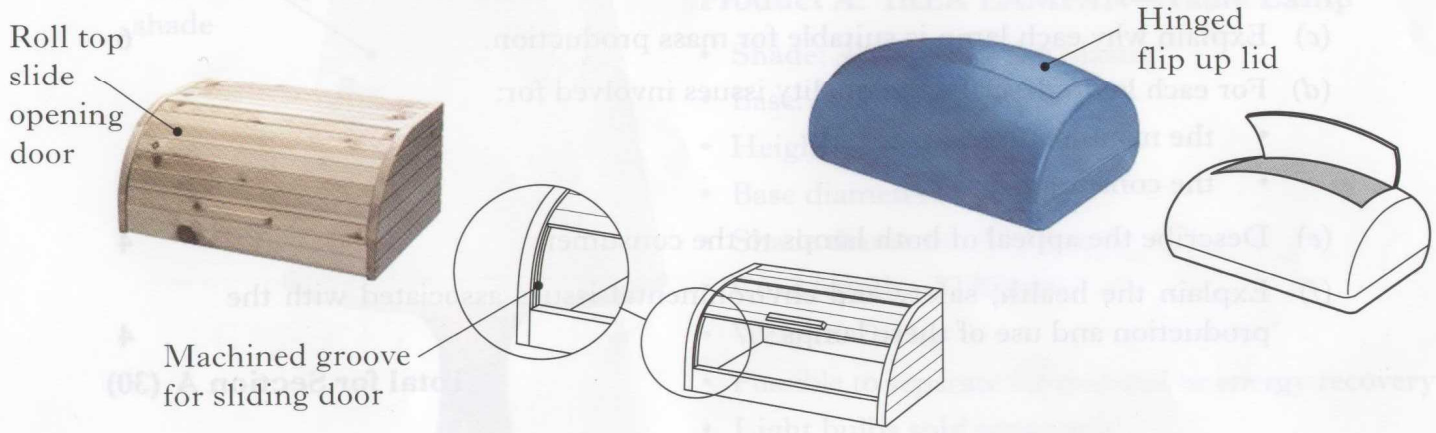


SECTION B

2. Two products that satisfy the same functional requirements are shown below.



Solid wood bread bin

Polypropylene bread bin

(a) Describe the functional and aesthetic characteristics of **each** of these products.

4

A designer has been asked to re-design a bread bin.

(b) Describe the specific research information that would be required before beginning the design of the bin.

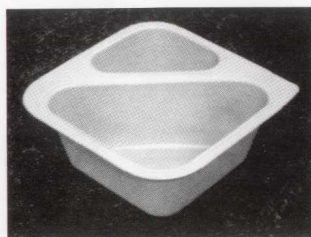
4

(c) Describe **two** ways in which this information could be gathered.

2

(10)

3. Vacuum forming and injection moulding processes were used to manufacture the containers shown below.



Vacuum formed yoghurt pot



Injection moulded re-usable food containers

Lid detail



(a) Explain why these processes are suitable for each container shown.

4

(b) What visual evidence would indicate whether a product had been injection moulded or vacuum formed?

2

(c) State a suitable plastic for each process.

2

(8)