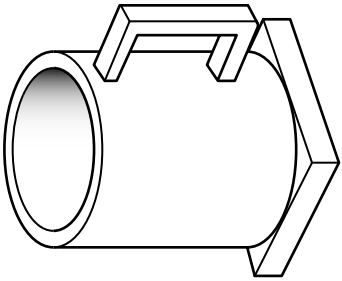


Section A

Answer all questions in this section.

A2 (a) Complete the sectional plan view of the coffee mug below.

[2]



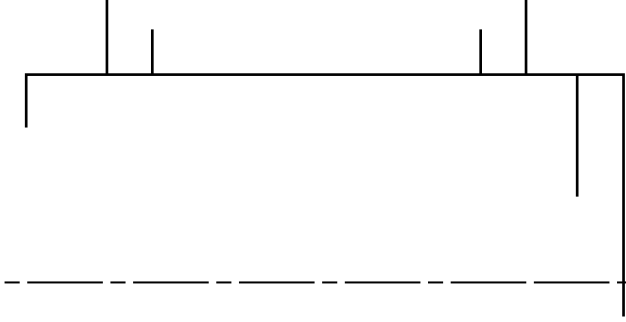
A sketch of a coffee mug with a square base is shown on the right.

- A1 (a) Complete the scale 1 : 2 orthographic views of the coffee mug by:
- (i) adding the missing lines to the side view;

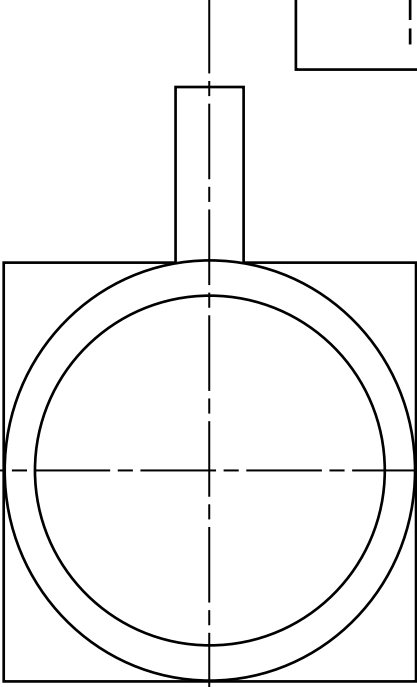
[5]
- (ii) adding one dimension to the plan;

[2]
- (iii) adding the projection symbol in the given box.

[3]



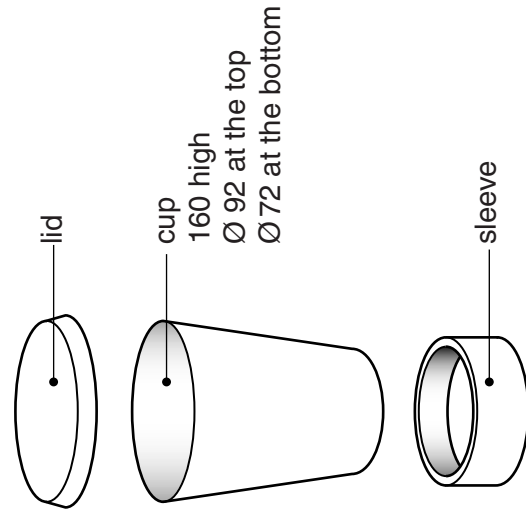
side view



plan

projection symbol

A3 An exploded view of a take away coffee cup is shown below.



(a) In the space below draw a scale 1 : 2 planometric view of the cup.
Do not include the lid or sleeve.

[4]

(b) The lid of the coffee cup is vacuum formed. Describe **three** main steps in the process of vacuum forming.

(c) The sleeve is made from corrugated card.

(ii) In the space below draw a sectional view of corrugated card.

[2]

(ii) Explain why corrugated card is used for the sleeve.

[2]