

Question 13

Figure 11 shows three views of a semi-cylindrical waste bin with base and hinged lid.

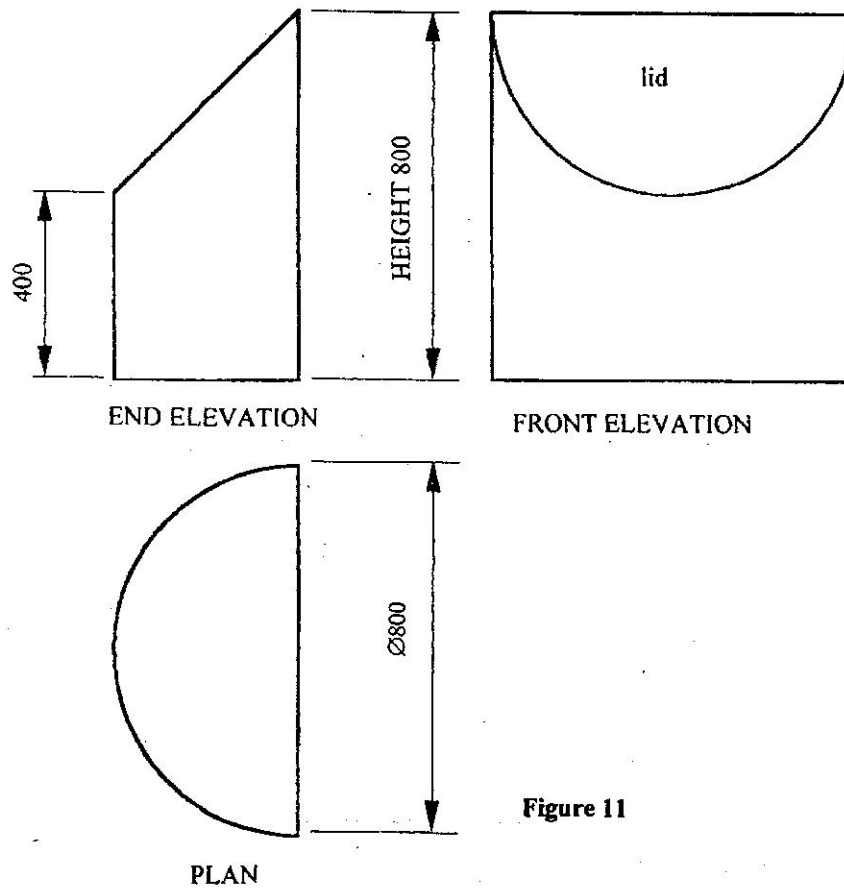


Figure 11

To a scale of 1:10 draw the surface development of the bin and lid ignoring the hinge.
(15 marks)

The question expected the candidates to scale down the given dimensions and then draw a surface development of a waste bin with a base and a hinged lid.

Weaknesses

Some candidates showed limitation in calculating the circumference for the semi-cylindrical bin. Many candidates failed to project the true shape of the lid.