

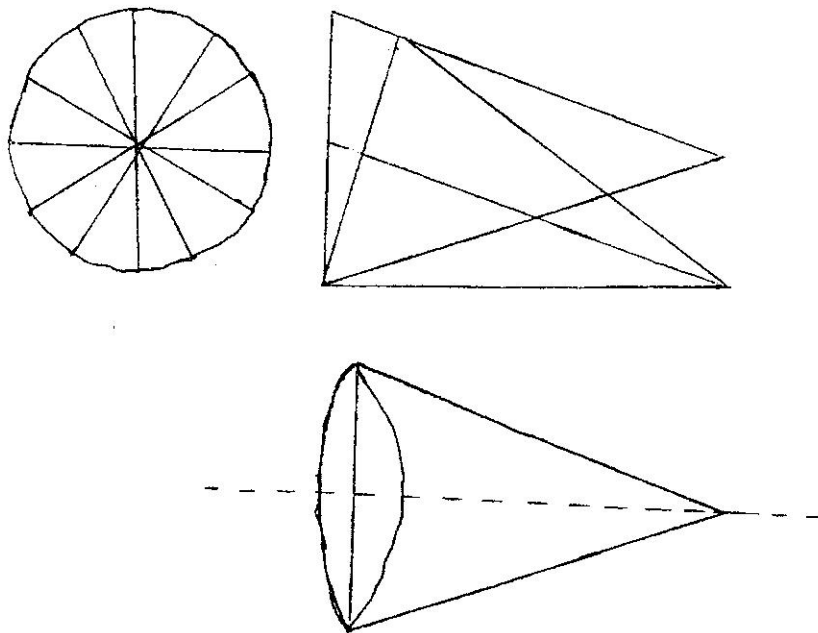
The question required the candidates to draw the top view of a cone which was resting on its side on a horizontal plane.

### Weakness

Unfortunately none of the candidates was able to come up with the correct response.

### Expected Response

Candidates were required to copy the front elevation as given in the question and draw the true diameter of the cone. Then, they were to project the slant diameter and plan and then complete the plan as shown in the following drawing:-



### Question 13 a and b

- (a) Outline the procedure of making a butt joint by gas welding 1.5 mm thick mild steel plates without using a filler rod. (4 marks)
- b) Use labelled sketches to show the difference between leftward and rightward gas welding techniques. (8 marks)

Candidates were expected to outline the procedure of making a butt joint by fusion welding and also differentiate between leftward and rightward gas welding techniques.