

MECHANICAL DRAWING

GIVEN:

- An isometric drawing of a trophy.
- The arrow indicating the direction of the front view.
- A front view, a right view and a top view of a trophy in third-angle orthographic projection.
- The top view already placed for the completion of this question.
- Starting position P for the completion of the sectional front view.

INSTRUCTION:

Answer this question on page 25.

Draw to scale 1 : 1 and in third angle orthographic projection, the following views of the casting.

- A sectional front view seen from the direction of the arrow as shown on the isometric view.
- A top view.
- A left view (show all hidden detail).

NOTE:

- Carefully plan the start position of the drawing before commencing with the drawing.
- This drawing must comply with the SANS 10111 standards.

Show the following on the drawing:

- The section line on the left view.
- The projection system symbol used for this drawing.
- Between 5 mm guidelines, supply the drawing of a title and scale at the designated title block area

TROPHY
SCALE 1 : 1

[40]

