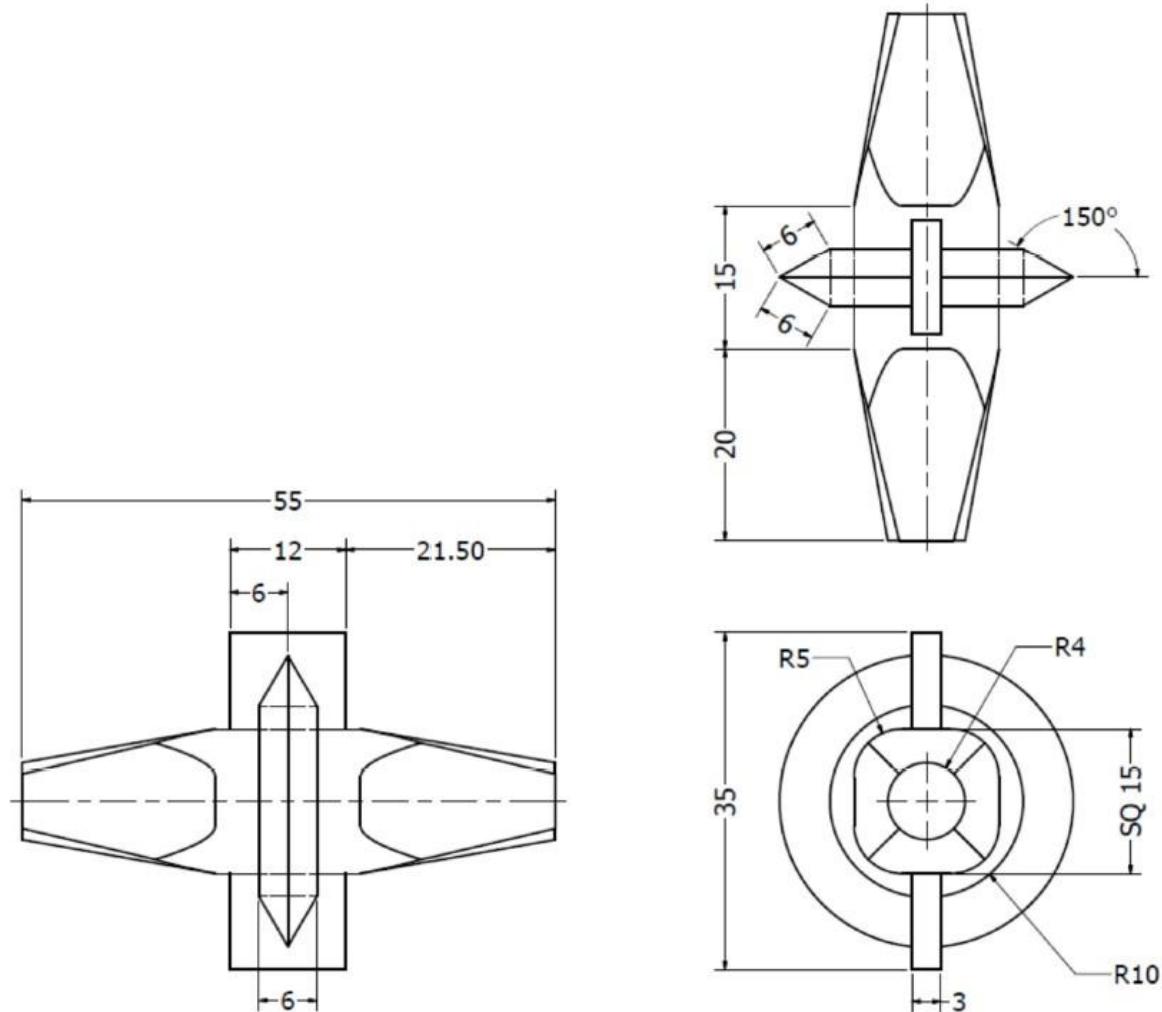
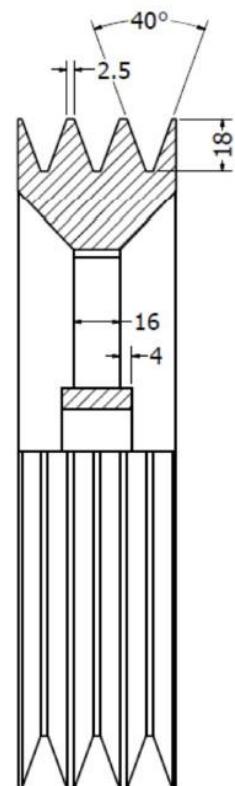
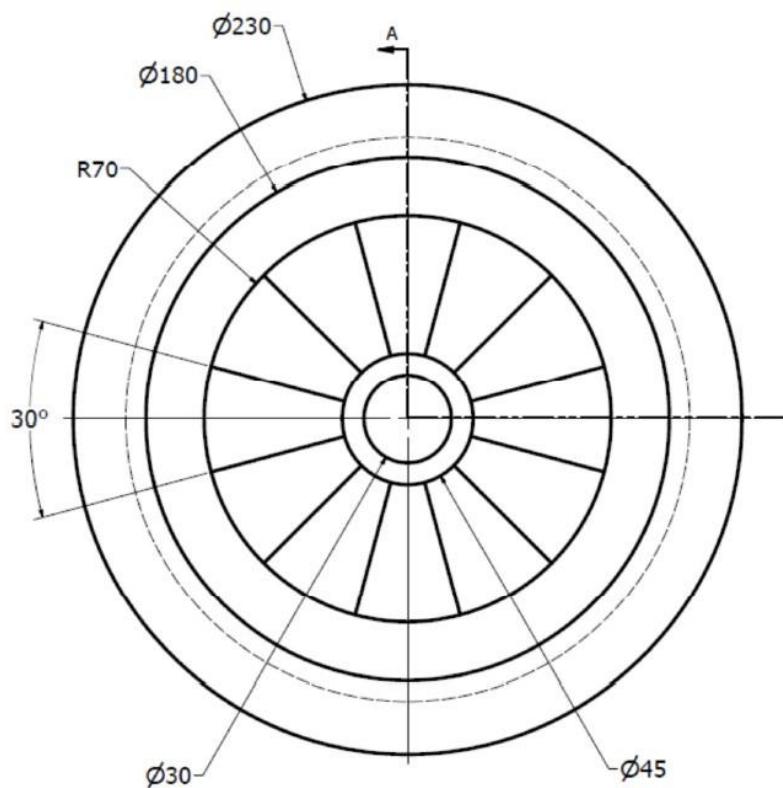


## Lab Sheet 10

Q1. Create a model from the given orthographic views



Q2. Draw a model from the given orthographic views.

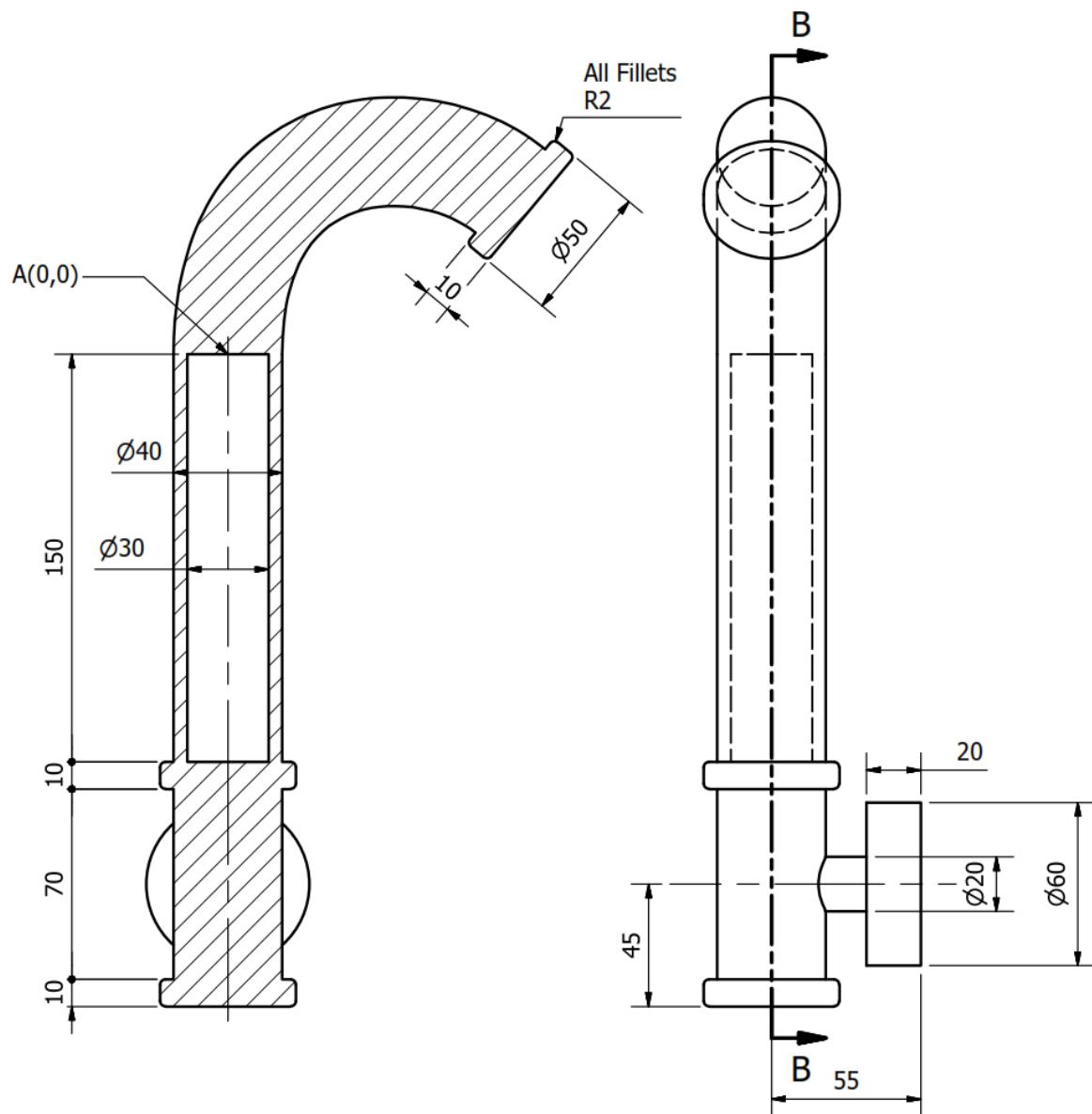


**Q3. Create a model whose Starting from point A (0, 0):**

X=0 for 0 ≤ Y ≤ 85

$Y=85$  for  $0 \leq X \leq 74$

$$5X + 6Y = 880 \quad \text{for } 74 \leq X \leq 104$$



For the given doctor stool, spline curve can be obtained by using the following equations:

Starting point: A (0, 0)

$$\begin{array}{ll} y = 0 & ; \quad \text{for } 0 \leq x \leq 10 \\ y = -x + 10 & ; \quad \text{for } 10 \leq x \leq 20 \\ x = 20 & ; \quad \text{for } -10 \geq y \geq -60 \\ y = -60 & ; \quad \text{for } 20 \leq x \leq 50 \\ x = 50 & ; \quad \text{for } -60 \geq y \geq -90 \end{array}$$

