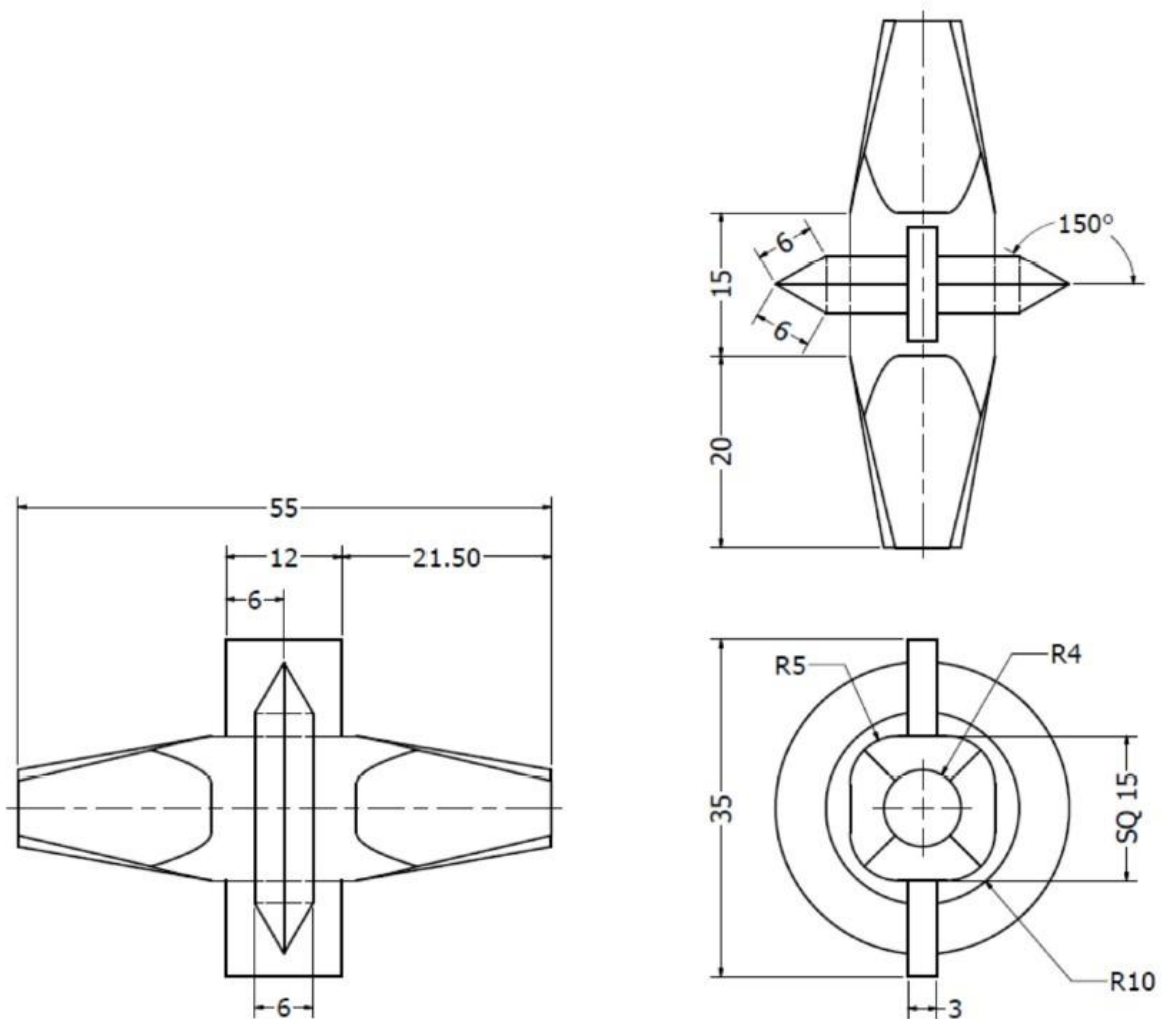
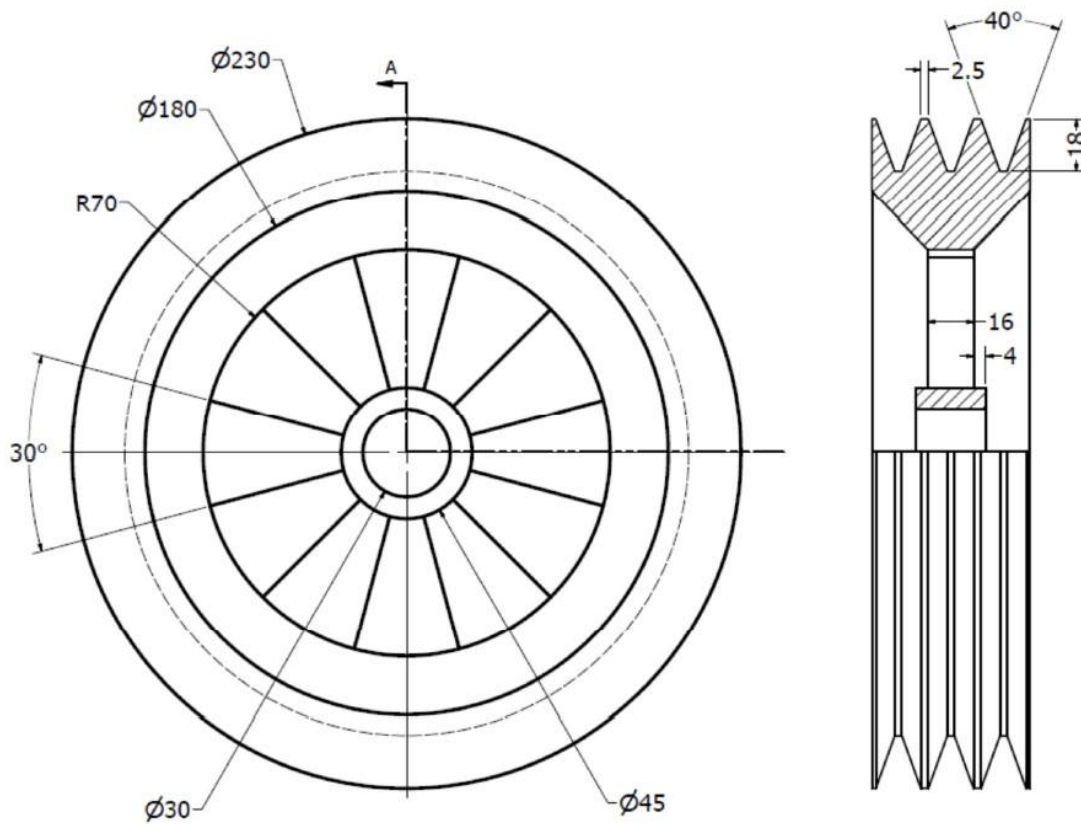


## Lab Sheet 10

Q1. Create a model from the given orthographic views



Q2. Draw a model from the given orthographic views.

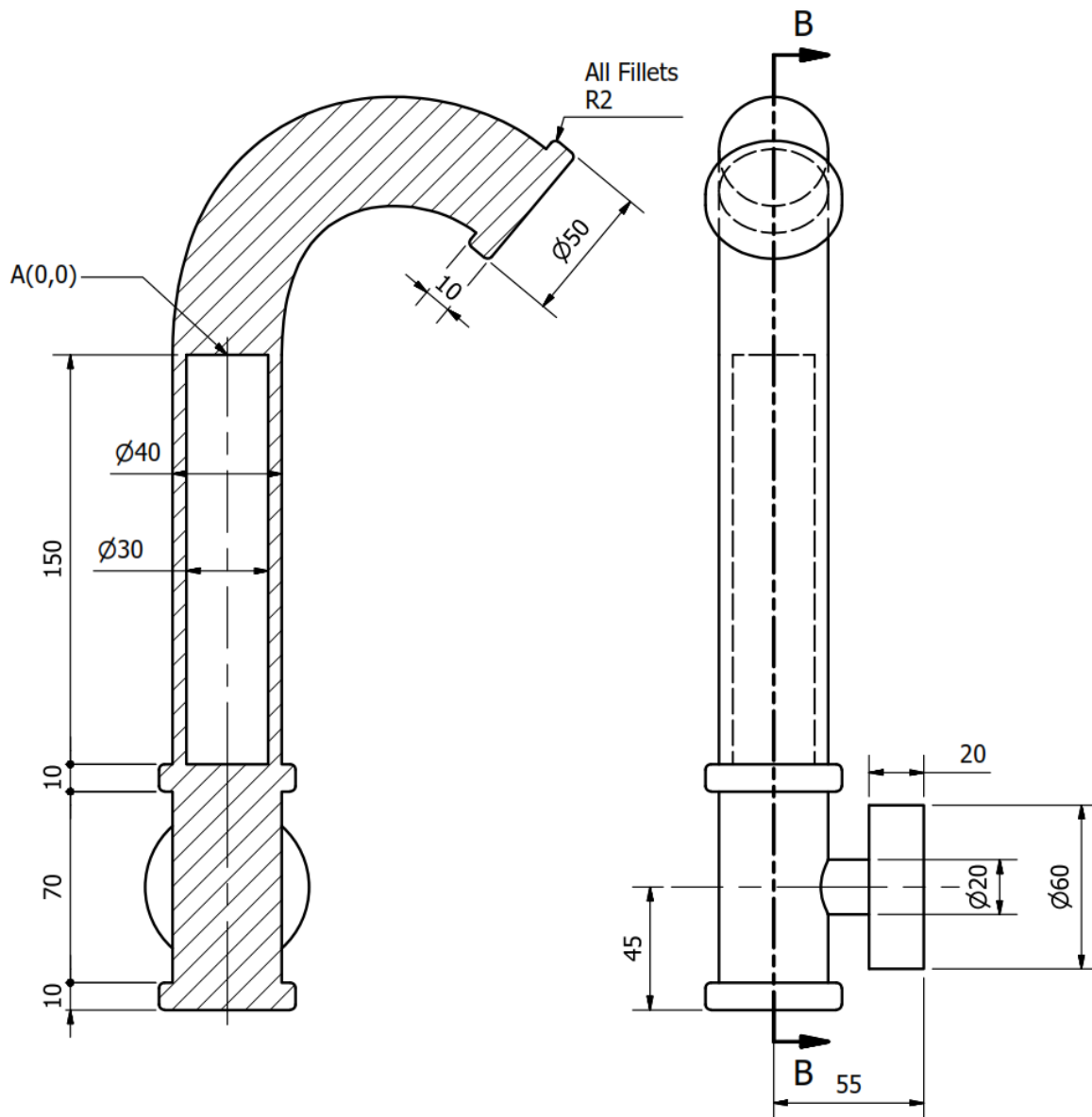


Q3. Create a model whose Starting from point A (0, 0):

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

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

$5X + 6Y = 880$  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)

$y = 0$	;	for $0 \leq x \leq 10$
$y = -x + 10$	;	for $10 \leq x \leq 20$
$x = 20$	;	for $-10 \geq y \geq -60$
$y = -60$	;	for $20 \leq x \leq 50$
$x = 50$	;	for $-60 \geq y \geq -90$

