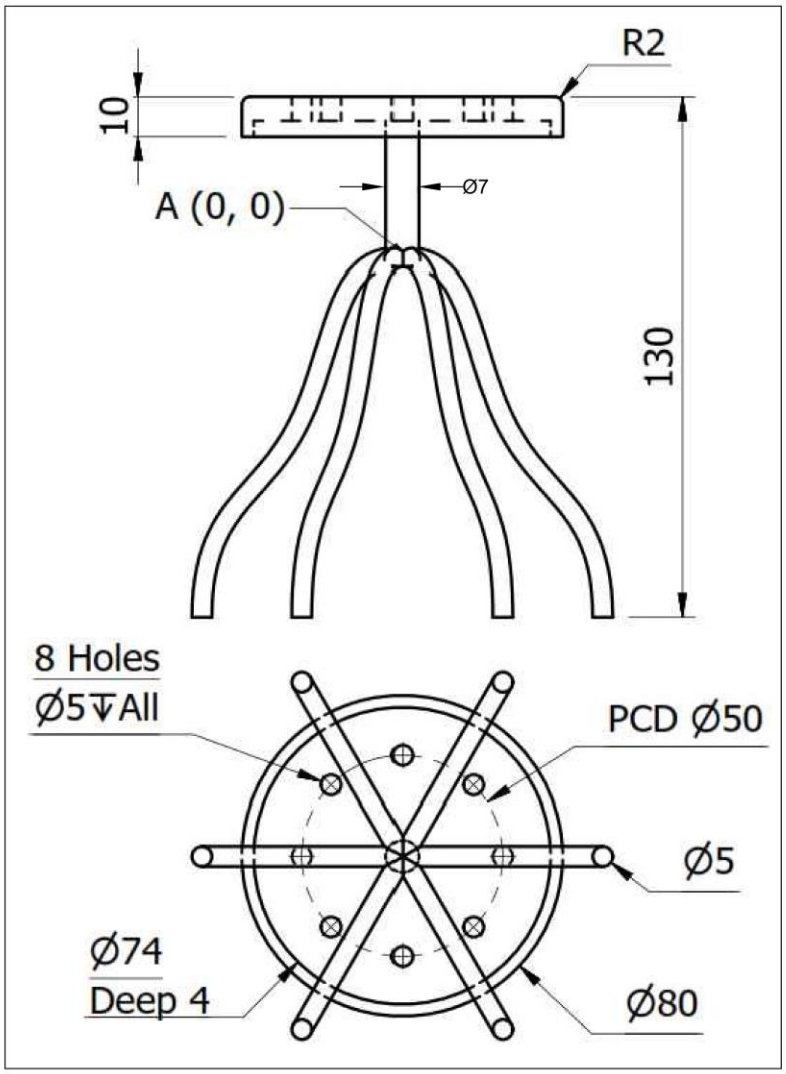
MCP 100 **Makeup Quiz (Software Based)** **Time: 30 mins**

Q. Make 3D solid model of a doctor stool, whose orthographic views are in 3rd angle of projection given in figure below.

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 $-60 \geq y \geq -90$