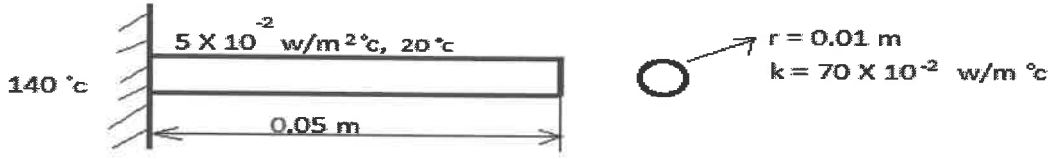


	to the atmosphere. Assume $T = 400\text{C}$ , $h = 10\text{ W/cm}^2/0\text{ C}$ , $k = 70\text{ W/cm }0\text{C}$ .			
	OR			
18	Explore the stress strain relation for 2D and 3D elastic problems	10M	4	L2
19	Estimate the Stiffness matrix in 1-D fin as shown in the figure by making the fin in to two elements.	10M	5	L2
				
	OR			
20	Draw beam element in global and intrinsic co-ordinate system.	10M	5	L2