

1-54*

$$\rightarrow \Sigma F_x = 0: \quad -T_{AB} - 75 + 100 - 50 = 0$$

$$T_{AB} = -25 \text{ kN} = 25 \text{ kN (C)} \dots\dots\dots \text{Ans.}$$

$$\rightarrow \Sigma F_x = 0: \quad -T_{BC} + 100 - 50 = 0$$

$$T_{BC} = +50 \text{ kN} = 50 \text{ kN (T)} \dots\dots\dots \text{Ans.}$$

$$\rightarrow \Sigma F_x = 0: \quad -T_{CD} - 50 = 0$$

$$T_{CD} = -50 \text{ kN} = 50 \text{ kN (C)} \dots\dots\dots \text{Ans.}$$

