2.	At constant volume, 4 mol of an ideal gas when heated from 300 K to 500K changes its internal energy by 5000 J. The molar heat capacity at constant volume is (JEE Mains'20) Ans: 6.25
	Explanation:
	$\Delta U = nC_v \Delta T$
	$5000 = 4 \times C_{v}(500 - 300)$
	$C_v = 6.25 \text{ JK}^{-1} \text{mol}^{-1}$