Income	determination	and	Multiplies	2
	Num	1300/8		

now
$$k = \Delta Y \rightarrow \text{change in income}$$

$$\Delta I \text{ change in investment}$$

$$5 = \Delta Y \text{ so } \text{SOVD} = \Delta Y \rightarrow \text{change in income}$$

$$1000$$

$$5 = \Delta y$$
 so $5000 = \Delta y \rightarrow \text{charge in income}$

$$(2ms-2) = 125$$

$$\Delta I + 0i = 125$$

Naw,
$$k = \frac{1}{1-mpc} \Rightarrow 4 = \frac{1}{1-mpc}$$

(Q-3) from the following data about an economy, calculate its equilibrium level of income: → MPC → autonomous consumptⁿ expenditure (c̄) = 300

→ Druestment expenditure (I) = 6,000 (Ans-3) We have $\rightarrow S = -\overline{c} + (1-b) Y$ S = -300 + 0.5 Y At equilibrium level of income - AD = AS $C+I = C+S \Rightarrow S=I$ That is savings = investment (Q-4) Calculate MPC -> i) c = 70 (ii) Equilibrium income = 700, (iii) I = 140 $(Ans-4) \rightarrow S = -\overline{c} + (1-b) Y$ now S=I at equalibrium level of income => (40 = - 70 + (1-b) 700 $\frac{3}{700} = \frac{1-b}{700}$ $\Rightarrow \frac{3}{10} = 1-b$ or $b = \frac{1-3}{10} = \frac{7}{10}$ or $0.7 \rightarrow MPC$