1. (1) $y = \frac{\alpha + z + i + g + \beta t x - \beta t}{1-\beta} = \frac{100 + 50 + 200 - 0.8 \times 187.5}{0.2}$

$= 1000$

(2) 投资乘数 = 政府支出乘数 = $\frac{1}{1-\beta} = 5$

税收乘数 = $\frac{-\beta}{1-\beta} = -4$

转移支付乘数 = $\frac{\beta}{1-\beta} = 4$

平衡预算乘数 = 1

2. (1) $\Delta y = 1200 - 1000 = 200$ $\Delta g = \frac{\Delta y}{kg} = 40$

(2) $\Delta T = \frac{\Delta y}{|1-k|} = 50$

(3) 平衡预算数额 = $\frac{\Delta y}{k} = 200$

3. $\Delta y = \Delta i \cdot k_i = 200 \times \frac{1}{1-\beta} = 800$

4. (1) $y = \frac{\alpha + i + g - \beta t}{1-\beta} = \frac{1000 + 800 + 750 - 0.75 \times 600}{0.25} = 8400$

$y_d = y - t = 7800$

(2) $C = 1000 + 0.75 y_d = 6850$

(3) $S_{私} = y_d - C = 950$ 政府储蓄 = $t - g = -150$

(4) $k_i = \frac{1}{1-\beta} = 4$

Date.

5. $\Delta y = (-300) \times (1 + \frac{\beta}{1-\beta}) = (-300) \times (1 + \frac{0.8}{0.2}) = -1500$

∴ 均衡国民收入将减少1500

1. (1) $y = c + i + g + nx = 30 + 0.8(y - 50) + 60 + 50 + 50 - 0.05y$

$\therefore y = \frac{30 + 60 + 50 - 0.8 \times 50 + 50}{1 - 0.8 + 0.05} = 600$

(2) $nx = 50 - 0.05y = 20$

(3) $k_i = \frac{1}{1-\beta} = 5$

(4) $\Delta y = \Delta i \cdot k_i = 50$ $\therefore y' = y + \Delta y = 650$

$nx' = 50 - 0.05y' = 17.5$

(5) $y'' = \frac{30 + 60 + 50 - 0.8 \times 50 + 40}{1 - 0.8 + 0.05} = 560$

$nx'' = 50 - 40 - 0.05y'' = 12$