(1) 由題:
$$\lambda = 100$$
, $\beta = 0.8$, $i = 50$, $g = 200$, $tr = 62.5$, $t = 250$

$$y = \frac{\alpha + i + g - \beta t + \beta t r}{1 - \beta}$$

= 100+50+200-0.8×250+0.8×62.5 = 1000

故均继入为10000亿美元。

(2)
$$k_i = k_g = \frac{1}{1-\beta} = 5$$

 $k_t = -\frac{1}{1-\beta} = -4$, $k_{tr} = \frac{1}{1-\beta} = 4$
 $k_b = \frac{\Delta y}{\Delta q} = \frac{\Delta g \cdot k_g + \Delta t \cdot k_t}{\Delta g} = \frac{1-\beta}{1-\beta} \cdot \frac{\Delta g}{\Delta g} = 1$

2. 充分就业所需要的国民收入与均衡收入的差值

由Ti= kg=5, kt=-4, kb=1,故:

$$\frac{\Delta y}{Kq} = \frac{200}{5} = 40$$

二零增加400亿美元的政府购买

(2)
$$\Delta t = \frac{\Delta y}{kt} = \frac{200}{-4} = -50$$

三零减少500亿美元的绝收

二常增加2000亿美元的政府购买和税收

塞跳了:= 了0-1500 故新的均锅国民收入将减少1500

附加题:

1. (1) 另加
$$y = C + i + g + nx$$

整理得 $y = a + \beta y - \beta t_n + i + g + (50 - 0.05y)$
 $= y = \frac{30 - 0.8 \times 50 + b0 + 50 + 50}{0.25} = 600$

(3)
$$k\bar{i} = \frac{dy}{d\bar{i}} = \frac{1}{1-0.8+0.05} = 4$$

$$y = 30 + 0.8 l y - 50) + 60 + 50 + (40 - 0.05 y)$$

$$= 30 - 0.8 \times 50 + 60 + 50 + 40 = 560$$