

1. (1) 解:  $Y = C + i + g$

$Y_d = Y - t + tr$

$\therefore Y = 1000 + 0.8(Y - 250 + 62.5) + 250$

$\therefore$  解得  $Y = 1000$  (1000美元)

(2) 解: ~~投资乘数~~  $k_i = 0.8$

$k_i = \frac{\Delta Y}{\Delta i} = \frac{1}{1-0.8} = 5$

$k_g = \frac{\Delta Y}{\Delta g} = \frac{1}{1-0.8} = 5$

$k_t = \frac{\Delta Y}{\Delta t} = -\frac{0.8}{1-0.8} = -4$

$k_{tr} = \frac{\Delta Y}{\Delta tr} = \frac{0.8}{1-0.8} = 4$

平衡预算乘数 = 1

2. (1) 解:  $\begin{cases} Y_{原} = 1000 \\ Y_{现} = 1200 \end{cases}$

$\therefore \Delta Y = Y_{现} - Y_{原} = 200$

$\Delta g = \frac{\Delta Y}{k_g} = \frac{200}{5} = 40$

(2) 解:  $\Delta t = \frac{\Delta Y}{k_t} = \frac{200}{-4} = -50$

$\therefore$  减少税收 50 (100亿美元)

(3) 解:  $\therefore$  平衡预算乘数 = 1

$\therefore$  各需 200 (100亿美元)

3. 解:  $S = -1600 + 0.25Y_d = \bar{i}$

$\therefore Y_d = 4\bar{i} + 6400$

$\therefore \bar{i} = 400$  时,  $Y_{d1} = 8000$

$\bar{i} = 600$  时,  $Y_{d2} = 8800$

$\therefore \Delta Y = Y_{d2} - Y_{d1} = 800$

$\therefore$  增加 800

4. (1) 解:  $Y = C + i + g$

$\begin{cases} = 1000 + 0.75Y_d \\ Y_d = Y - t + tr \end{cases}$

$\therefore Y = 1000 + 0.75(Y - 600) + 800 + 750$

解得  $Y = 8400$

$Y_d = Y - t = 8400 - 600 = 7800$

$\therefore$  均衡国民收入 8400  
可支配收入 7800

(2) 解:  $C = 1000 + 0.75Y_d$   
 $= 1000 + 0.75 \times 7800$   
 $= 6850$

(3) 解: 私人储蓄  
 $= Y_d - C$

$= 7800 - 6850$

$= 950$

(4) 解:  $k_i = \frac{1}{1-0.75} = 4$

5. 解: 边际储蓄倾向  $= MPS = 0.2$

$MPC = 1 - MPS = 0.8$

$k_i = \frac{1}{0.2} = 5$

$k_g = \frac{1}{0.2} = 5$

$k_{tr} = \frac{0.8}{0.2} = 4$

$k_t = -\frac{0.8}{0.2} = -4$

$\therefore \Delta Y = 600 \times 5 - 300 \times 5 - 300 \times 4 - 300 \times (-4)$   
 $= 1500$

扫码使用

夸克扫描王



附加题:

1. (1) 解:  $y = c + i + g + nx$

$$y_d = y - t + r$$

$$\therefore y = 30 + 0.8(y - 50) + 60 + 50 + 50 + 0.05y$$
$$= 0.75y + 150$$

解得  $y = 600$

(2) 解:  $nx = 50 - 0.05y$

$$= 50 - 0.05 \times 600$$
$$= 20$$

(3) 解:  $K = \frac{\Delta y}{\Delta i} = \frac{1}{1 - 0.75} = 4$

(4) 解:  $y' = c + i' + g + nx$

$$= 0.75y' + 160$$

解得  $y' = 640$

$$nx' = 50 - 0.05y' = 18$$

(5) 解:

$$\begin{cases} y'' = c + i + g + nx'' \\ y_d = y - t + r \end{cases}$$

$$y'' = 0.75y'' + 140$$

$$\therefore y'' = 560$$

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

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