

Quiz #5 ANSWERS

$$\begin{array}{l} \text{GROWTH} \\ \text{RATE} \\ \text{FORMULA} \end{array} = \frac{Y_t - Y_{t-1}}{Y_{t-1}} \times 100\%$$

$$\#1. \% \Delta \text{ Real GDP} = \frac{\text{Real GDP}_{1st} - \text{Real GDP}_{4th}}{\text{Real GDP}_{4th}} \times 4 \times 100\%$$

$$= \frac{17,397.7 - 17,286.5}{17,286.5} \times 4 \times 100\% = \boxed{2.16\%}$$

$$\#2. \% \Delta \text{ Real PCE} = \frac{12,065.9 - 12,035.2}{12,035.2} \times 4 \times 100\% = \boxed{1.02\%}$$

$$\#3. \frac{\text{Real PCE}_{1st}}{\text{Real GDP}_{1st}} = \frac{12,065.9}{17,397.7} \times 100\% = \boxed{69.4\%}$$

$$\#4. \% \Delta \text{ Real Gov't Exp.} = \frac{2,929.8 - 2,921.5}{2,921.5} \times 4 \times 100\% = \boxed{1.14\%}$$