Good B.

$$E_{Q_{DA}P_B} = \frac{\%\Delta Q_{DA}}{\%\Delta P_B}$$

$$E_{Q_{DA}P_B} = \frac{\partial Q_{DA}}{\partial P_B} * \frac{P_B}{Q_{DA}}$$

- **Income Elasticity of Demand**
  A measure of responsiveness of quantity demands of Good A to a change in income.

- Generic Elasticity of Formula
  $E_{YX} = (\partial Y/\partial X) * (X/Y)$

- Income Elasticity of Demand Formula

$$E_{Q_{DA}I} = \frac{\%\Delta Q_{DA}}{\%\Delta I}$$