Start here for Question Number: 9

$$P = 500 \left( \frac{1925}{240} \left( \frac{241}{240} \right)^{1} + \left( \frac{241}{240} \right)^{2} \dots + \left( \frac{241}{240} \right)^{240} \right)$$

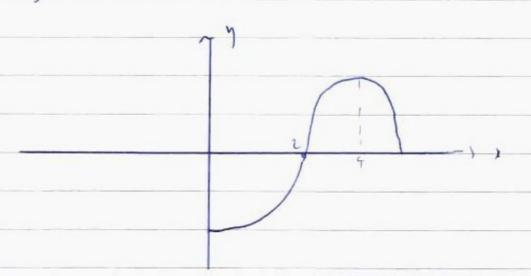
$$\rho = 500 \times \frac{241}{240} \left( \left( \frac{241}{240} \right)^{240} - 1 \right)$$

$$\frac{24}{240} - 1$$

$$A_2 = A_{12} + \left(\frac{0.05}{12} + 1\right)^2 - 2000 \left(1 + \left(\frac{0.05}{12}\right)\right)$$

$$A_n = \left( \left( \frac{0.05}{12} + 1 \right)^h - 2000 \left( \left( \frac{1}{240} \right)^h + 1 \right) \right)$$

$$\lambda = 2$$



Additional writing space on back page.