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$$\begin{aligned}
 1. \text{ Yield} &= \frac{\text{bunga}}{\text{harga pasar obligasi}} \rightarrow \frac{8}{100} \times 1.000.000 = 80.000 \\
 &= \frac{80.000}{700.000} \\
 &= 0,1143 \\
 &= 11,43 \%
 \end{aligned}$$

2. Nilai obligasi

$$\begin{aligned}
 PV &= \left[\frac{68.750}{(1+0,08)^1} + \frac{68.750}{(1+0,08)^2} + \frac{68.750}{(1+0,08)^3} + \frac{68.750}{(1+0,08)^4} + \frac{68.750}{(1+0,08)^5} + \right. \\
 &\quad \left. \frac{68.750}{(1+0,08)^6} + \frac{68.750}{(1+0,08)^7} + \frac{68.750}{(1+0,08)^8} + \frac{68.750}{(1+0,08)^9} + \frac{68.750}{(1+0,08)^{10}} + \right. \\
 &\quad \left. \frac{68.750}{(1+0,08)^{11}} + \frac{68.750}{(1+0,08)^{12}} + \frac{68.750}{(1+0,08)^{13}} + \frac{68.750}{(1+0,08)^{14}} + \frac{68.750}{(1+0,08)^{15}} + \right. \\
 &\quad \left. \frac{68.750}{(1+0,08)^{16}} + \frac{68.750}{(1+0,08)^{17}} + \frac{1.000.000}{(1+0,08)^{17}} \right] \\
 &= \left[63,652 + 58.942 + 54.575 + 50,533 + 46,790 + 43,324 + \right. \\
 &\quad \left. 40,114 + 37,143 + 34,392 + 31,844 + 29,485 + 27,301 + \right. \\
 &\quad \left. 25,279 + 23,406 + 21,672 + 20,067 + 18,580 + 270,268,95 \right] \\
 &= 270.896,054
 \end{aligned}$$

3.a. Tingkat keuntungan

250 lembar saham

Harga = Rp 38.500 / lembar

= Rp 38.500 x 250

= Rp 9.625.000

Dividen = Rp 3.250 / lembar

= Rp 3.250 x 250

= Rp 812.500

Keuntungan = 9.625.000 - 812.500

= Rp 8.812.500

$$b. PV = \frac{812.500}{0,08}$$

$$= 10.156.250$$

maka, saya akan membeli saham tersebut.

4. a. Tingkat keuntungan

$$PV = \frac{2.500 (1 + 0,105)}{0,105}$$

$$= \frac{2.763}{0,105}$$

$$= 26.314$$

b. Return 17%

$$P_0 = \frac{D_1}{(K_s - g)}$$

$$= \frac{2.500 (1 + 0,105)}{(1 + (0,17 - 0,105))}$$

$$= \frac{2.762,5}{0,065}$$

$$= 42.500$$

maka, saya akan membeli saham tersebut.