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prodi : Manajemen

Penilaian Surat Berharga

1. Current Yield = $\frac{\text{Penghasilan Bunga Tahunan}}{\text{Harga pasar Obligasi}}$

$$= \frac{80}{700}$$

$$= 0,1143 = 11,43\%$$

2. Berapa Nilai Obligasi?

$$PV = \frac{68.750}{(1+0,08)^1} + \frac{68.750}{(1+0,08)^2} + \frac{68.750}{(1+0,08)^3} + \frac{68.750}{(1+0,08)^4} + \frac{68.750}{(1+0,08)^5} + \frac{68.750}{(1+0,08)^6}$$

$$\frac{68.750}{(1+0,08)^7} + \frac{68.750}{(1+0,08)^8} + \frac{68.750}{(1+0,08)^9} + \frac{68.750}{(1+0,08)^{10}} + \frac{68.750}{(1+0,08)^{11}} + \frac{68.750}{(1+0,08)^{12}}$$

$$\frac{68.750}{(1+0,08)^{13}} + \frac{68.750}{(1+0,08)^{14}} + \frac{68.750}{(1+0,08)^{15}} + \frac{68.750}{(1+0,08)^{16}} + \frac{68.750}{(1+0,08)^{17}}$$

$$\frac{1.000.000}{(1+0,08)^{17}}$$

$$= 63.657 + 58.942 + 54.575 + 50.533 + 46.790 + 43.324 +$$

$$40.119 + 37.193 + 34.392 + 31.844 + 29.485 + 27.301 + 25.279$$

$$+ 23.406 + 21.672 + 20.067 + 18.580 + 270.268,95$$

$$= 270.846,059$$

3. a. tingkat keuntungan

$$250 \times 38.500 = \text{Rp } 9.625.000$$

$$250 \times 3.250 = \text{Rp } 812.500$$

$$\underline{\hspace{10em}} \\ \text{Rp } 8.812.500$$

$$\text{b. } \frac{812.500}{0,08} = \text{Rp } 10.156.250 \text{ (membeli saham)}$$

$$4. \frac{2.500(1+0,105)}{0,105} = \frac{2.763}{0,105} = 26.319$$

$$\text{a. } 26.319 - 23.000 = 3.319$$

$$\text{b. } \frac{2.500(1+0,105)}{0,17 - 0,105} = \frac{2.763}{0,065} = 42.500$$

→ akan membeli saham tersebut.