Mustaine Enterprises has bonds on the market making annual payments, with 13 years to maturity, and selling for $850. At this price, the bonds yield 7.4% (YTM). What must the coupon rate be on Mustaine’s bonds?

BDJ Co. wants to issue new 10-year bonds for some much-needed expansion projects. The company currently has 8 percent coupon bonds on the market that sell for $1,095, make semiannual payments, and mature in 10 years. What coupon rate should the company set on its new bonds if it wants them to sell at par?