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Tugas 10

1. API = CPI = =100 unit price.

   Inflation =+ 5 %

   Productivity =+ 2 %

   Quality Factor =+ 2 %

   1. Internet Costumer time based

   2. Internet Costumer volume based.

      Revenue from costumer Time Based : Volume based = 60% : 40%,

      2016 : 105% time based tarrif

      2017 : mau naikkin 110% dari tahun 2016

      Costumer rate maksimum supaya tidak menyalahi ITU D?

Jawab

Yand dibolehkan = 100+5%x 100 -2% x 100+ 2%x100 = 105

Dengan weighted revenue 2017 =

(60% x Timebased) + 40%x105 <= 105

0,6 timebased <=105-42

time based <= (105-42)/0.6

tiem based <= 105

2. Operating Expenses = 10T Rupiah

   Depreciation =20 T Rupiah

   NetBook Value = 400 T Rupiah

   Computer the rate per unit rupiah per k bytes. RoR trafik = 1000 Tb dan expected rate 10 % ?

   Revenue requirement = 100+20+20+(400x10%)

   $$= 180\ T$$

   180 T = tarif x trafik

   trafik = 1000.10^9 kB

   tarif = 100.10^12 rupiah/1000.10^9 kB

   $$= 180\ \text{rupiah per kB}$$