ASSIGNMENT - 6

Explain CAGIR with example:

CAGIR Clompound Innual Growth Rito)

is the rate at which on Everthert grows

annually arruning the profess are reinvested at the

lind of each year. It smooth out the growth rate one
a period, accounting for volativity and showing a steady

annual rate of growth from the beginning to the end of

the period. The fornula for CAGIR is

CAGIR:

Period value (Fredig value)

Period -)

Period value (Fredig value)

Ending value of the issuethment at the end of the period

Beginning Value

Value of the investment at the state of the period.

N Number of years

Investment Browth

Leti Say you Privated \$ 10,000 to a stock in 2019 and by 2028 The Value of year investment how gown to \$ 20,000. To calculate the CAGIR.

T - BATHANTELA

Beginning Nature (2019): \$10,000

Froling Value (0023): \$20,000

Number of year = 4

CALIR = $\left(\frac{20,000}{10,000}\right)^{\frac{1}{4}}$

= (2)0.25-1

ed at oppose in 18. 92 / when

So., the BAGIR is 18 924 meaning the snuctment of the by about 18 924. per year on arrange over the A Year period.

Consent tablistics

Carnet Light

There are chilopined to desir they company ones to

supplies I, short ten been and account expenses.