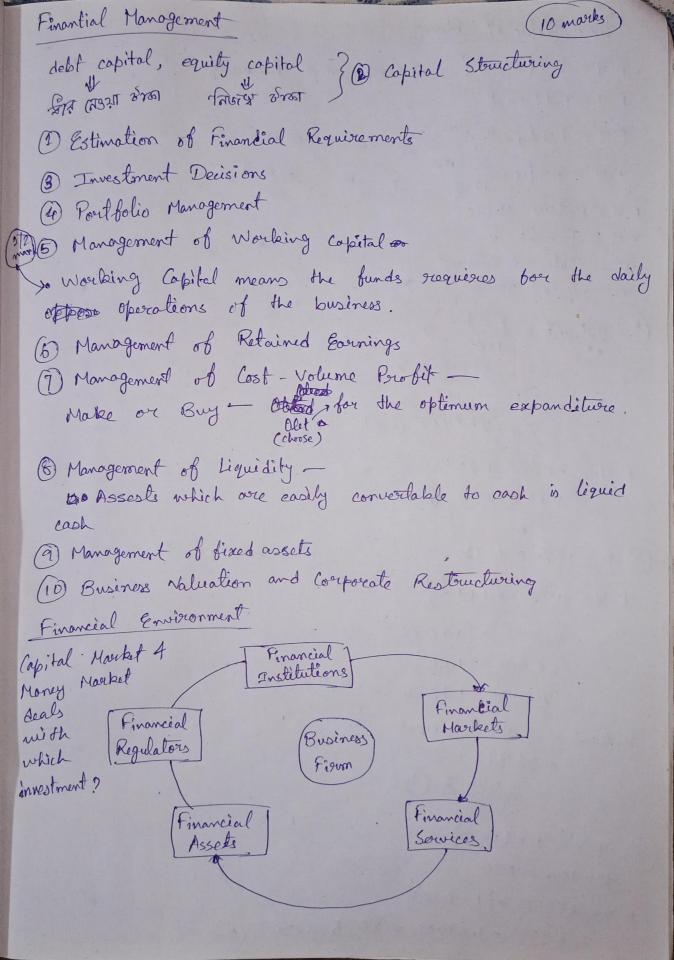
Financial Management 6/2/25 The art and science of managing money is called finance.



Time Value of Money FVZ PV (1+00) -> Compounded Annually Seni u FN=PN(1+2)2m Quarterly FV = PV (14 10 4m) monthly FV = PN (1+ 12)12 m > n FV2 Future Value PN 2 Present v no = Rate of interest me no. of years 1 Interest = Prot 7 = 25000 (Aus) FN 2 30000 + 25000 7 2075000 E (AM) 1. FNZ PK(I+ P) MT 2 70 = 12% = 0.12 FN220000 x (1+ 0.12) 220000 × (1+0.06) 220000 × (1.06) 220000 a 1.1236 222, 472 (Ans) griterest & FN- Brincipal 222472 - 20000 = 2472 = (Am) 3) FN= Px (1+50) T

FN2 50000 a (1+0.10)5 250000 x 1.61081 280, \$25.50 + (Am) (a) $FN2PNX(1+70)^{7}$ $PN2 \frac{FN}{(1+70)^{7}}$ PO = 101/2 = 0.10 $PN2 \frac{40000}{(1.10)^{10}}$ $PN2 \frac{40000}{2.59374}$

8P1215, 420.40 (AN)

met Present Value:

where,

If, NPV>0 -> Accept

NPV < 0 -> Roject

Project 1:

$$= -10000 + \frac{5000}{1+0.1} + \frac{4000}{(1+0.1)^2} + \frac{3000}{(1+0.1)^3} + \frac{1000}{(1+0.1)^4}$$

Project 2!

$$NPV = -C_0 + \frac{C_1}{1+70} + \frac{C_2}{(1+70)^2} + \cdots + \frac{C_4}{(1+70)^7}$$

$$= -10000 + \frac{1000}{1+0.1} + \frac{3600}{(1+0.1)^2} + \frac{4000}{(1+0.1)^3} + \frac{6750}{(1+0.1)^4}$$

$$= -10000 + 909.09 + 2479.33 + 3006.25 + 4610.34$$

$$\frac{2}{2}$$
 (= 750000, (, = 990000), $\frac{2}{6}$ = 0.05, $\frac{4}{2}$ 1

 $\frac{2}{1+\infty}$
 $\frac{2}{1+\infty}$
 $\frac{2}{1+0.05}$
 $\frac{2}{1+0.05}$
 $\frac{2}{1+0.05}$

$$3$$
 1st $C_0 = 6000$, $C_1 = 680$, $80 = 10\% = 0.1$ 140.1

$$C_1 = 600 + 600 \times 10\% = 660$$

NPV 1st > NPV 2nd. So, 1st option is better.

Meighted Average Cost of Capital:

where,

E = Mouket value of the firm's equity (market Cap)

D = Market rovalue of the firm's debt

N = Total value of capital (equity plus debt)

E/N = Rescentage of capital that is equity

D/N = Percentage of capital that is debt

Re = Cost of equity

Rs = Cost of debt

T = Tax Rate

3. Pre. Capital
$$=\frac{1.5}{10} \times 16\%$$
 $= 2.4\%$
4. Debtution $=\frac{3.5}{10} \times 12\%$ $(1-30\%)$
 $= 0.35 \times 0.12 \times 0.7$
 $= 6.0294 = 2.94\%$

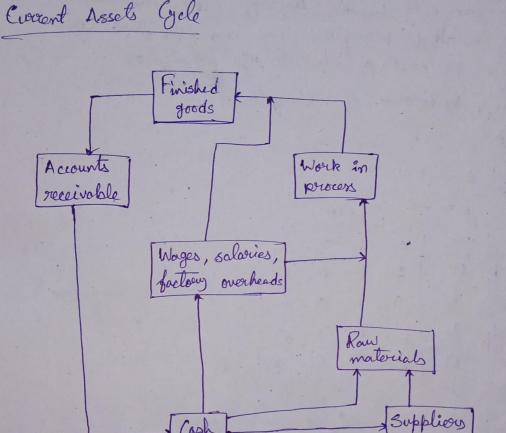
Now,
$$12\% = 0.12$$
 $|30\% - 0.3$ $|12.44\%$ $|20.35| = 0.7$

WACC = 0.5 x 0.2 + [0.5 x 0.02 x 0.6] -> 1-0/5

A capital structure having minimum cost of capital means max. returns

Sunday - 11:59

20/3/2025 last date: 27-3-25 Assignment Discuss the three strategies of working capital management along with diagrametic representation. (10) 2) Discuss the five factors influencing so working capital management requirements, (10)



i) for the very beginning some amount of each is needed.

11) By using this reach, or now materials can be sold. 111) Using the rais materials we can make gross,

in) Then the goods are sold on credit that converted in to accounts receivable,

r) It generates the each again.