		The second
	Time Value of Money	
	Future value of single amount ?	
	FV6 = PV (I+x)	
4.4	Future value of uneven cashflows >	
	FVn=PV(1+r)n-1+PV(1+r)n-2++	PV(1+Y)n-n
	F.V of Annuity => FVAn = A (1+x)-1]	
3 13	Y	
	Present value of single amount >	comp freq. m
	PV = EVn a	Annually 1
	[(I+Y)]	Semi-anne 2
PN	Present Value of Univer Cashflows &	Qualuty 4
	$PV_n = C_1 + C_2 + C_1$	Monthly 12
	1+2, (1+2), (1+2),	weekly 52
	P. V of Annuity >> PVAn = A[1-1]	Daily 365
	(14x),	COUP. Counts
AVE.		
	Perpetuity >> P = A	
	Intra-year compounding & discounting =>> FUn= PV(1	+ x) ~ ~ ~
-	Effective Interest rate = (1 + stated annual I.R) -1	
	M.)	Comp
		reg.

+ Risk & Return 1) Rate of return = Annual income + Ending Price - Begining Price Begining Price = Annual income ; Ending Price - Beginning Price

Beginning Price - Beginning Price = Current yield + Capital gain yield 2) Naviance of Returns (Aisk): $6^2 = \sum (R_i - R_i)^2$ or $R_i = R_i - R_i$ sole of = Epickith 4) Beta => B; = cov. (R; Rm) = \(\int \left(R; Rm \right) \) \(\int \frac{1}{2} \) \(\int \frac{1} \) \(\int \frac{1}{2} \) \(\int Alphand dj= Rj-BjRM characteristic line, Rit = & + Bi Rmt + &i 5) CAPM :-ECRi) = RF+[E(Rm)-Rf]Bi -> Capital Budgeting (Investment - that 1) Payback Period (PBP):- Amont left to recover after some yr Ant to recover from that Yr. (2) NPV = Total discounted cashflow - Investment. Benefit Cost ratio 1 Profitability Index = Total discounted cash flow Investment (4) Discounted Payback Period = Calc. PBP at Discount Factor.

EXPT. NO.	NAME:	,				Page No.:	
5)	IRR Internal rate of	5	Lowest	+	NPV @ Lowest	 e x	(Diff. in the rates)
4 de la constante de la consta	return		rate		rate	rate	

<u>C·s</u>
(1) Revenues Selling Price & arity of Price of and self
(-) Variable costs and a cost and a cost of the costs of
Contaibution = 5.P - V.C
Top Fixed a costy arom as greatle griang and
FBIT: Earnings before Interest & Tax = Contribution - F. Crusa grand
EBT: Farnings before Tax = EBIT - Interest
EAT: Eaurings after Tax: = EBT-Taxonom monain
Earnings available for Equily showinolders: EAT- Aref. Devidend
Earnings Py strike and EAES MARCH ALADON AT ()
lariable and still hamits, and would to
(2) Degree of Operating Leverage = Contribution
in the denies the office of the decidence of the the
u . financial " = EBIT 111000
ii) Manage Cash 18 Bur: Mch funds will be
string Total . Liverage 1000 Lixe DiFLiner Contribution 11-
Strate Tip Funding! Strategy For Funding
(3) Break Even Point = Fixed costs
(units) ela Contribution lupition on itself (v
P/v ratio = a Contribution lunitary 1000 = 150/200 of 10
5-P per anit
terroff Lin Resort F.C: molding marks with
31 Prod sou sart & Minatiologica mus si transqui
Myso al destablis testi standition on the satisfier
of the 1EPS 71 (EBIT-I) dart mano we soon store
contact of present plus a mapping socialisment
of Pref. Dividend given: Dr washing from it
EPS = (EBIT-I)(I-t)-DA
7.13 1.4 7 1.1 P 1.1
5) Noteretto Coverage ratio = NEBIT/interest von Debto + P ()
Cash flow Coverage ratio = (EBIT + Dep- + bither: nont cosh toherage)
Lash Flow Coverage nation = February nor cost of con repairment installan)
deponds soit dens machines of the
Delot service Coverage ratio = (PATE + Der + Interest + L)
5 (Interest + LRI + L)
(C. ((())))

-D	Dividend Decision
	Dividend Share For mangs Shave
	walter Model: - P = D + (E=D) 7/k cost of capital
	Proce por some some of return
	3 3 4 2 2 12 = 49
	8>K -D PT as Dividend Payout ratio V
	r= k -> P= constant 10 " a change
	Intraction make 1 - 1 as toway mulous - valio Andin
	we span of the second which is
	Grordon Model: - Po = E. CI-b) returtion
	(K-br) sate return rg. by Shareholder
	g= b.x
	growth = retention, rate of
4	rate rate return

1	Working Capital Management Policy
	Operating Cycle = inventory period + accounts receivable period
	Cash Cycle = Operating Cycle - accounts payable period
	where. Inventory period = Avg. inventory , 365 Avg. cocis > cost of croods sold
	Acc. receivable Avg. Acc. receivable, 365 Acc. Payable Avg. Acr. Payable Period Annual sales Period Avg. Coons 365

-D Cash And liquidity Management 1) Baumol Model 20 D Van Jahr C = amount of marketable securities conv. into each lordy I = interest per planning period on investment marketable T = Projected Cash requirements during Planning puriod Miller and Dry Model: UL = 13RP - 2LL where RP = return point ; LL = lower control limit UL- uppa Izdaily intoust b= F-c lordy for conv. securities into cash in con or - Variance

D CRedit Management

(coc

DRI = [DSCI-V)-DSbn] CI-t)-K DI

ARI = change in residual income

AS = increase in sale ; t = corporate tax rate

V = ratio of V c to Sale DI = increase in receivable

bn = bad debt loss ratio on new sales.

(i)

AI -> AS = ACP xV

360

Aug collection period

. 6	
EXPT.	NAME: Page No.:
山	Effect of lingthing the credit period on residual income
	$DI = (ACP_{M} - ACP_{O})(50) + V(ACP_{N})(D5)$ $\downarrow \qquad \qquad$
	new avg collection Period after knothning.
Oii	Effect of relaxing discount policy on residual income
	DDIS = Pn (So+DS) dn - PoSo do
	& ΔI = So (ACPO-ACPN) - V ΔS ACPN 360 360
	DRI = [DS(LV) - DDIS](Lt) + KDI
iv	Effect of relaxing the collection effort on the residual
	in come
	DBD = bn(So+DS) - boSo
	ART = E'
	& DI = 50 (ACPN-ACP) + DS ACPN(V) 360
	ART = [DSCI-V) - ABD] b - KDI
2)	Value of recrivables = Sales x ACP