

An exclusive hand written booklet covering most formulas.

"Begin your journey from amateur to analyst"

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UA-I	. Ottotegio i manoai management
	M C
	MUTUAL FUNDS
2.021.000	
- 1.	NAV = Market Value of + Receivables + Account - Account - Outside
	all investments Income Expense Unhilities
	(including msh)
	+ (Sub units x NAV) - (Redeem units x NAV)
	Opening units+ units subscribe - units sedeem
	<u> </u>
2.	loade:-
	Sale Price = NAV x (1+ Entry Lond 1)
F	epwychase Price = NAV x (1-Exit Load /)
·	
3.	Returns:
	Holding Period Return (HPR) = NAVE - NAV + I + G x 100
	NAV
N-10-1-01-E-20-1	where; D= Income seceived during the investment period
	(in psm of dividend or interest)
	(in form of dividend or interest) Cq - It is the gains received by trading the shares.
	*
Kunal	Doshi, CFA Contact: 9920546547

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0

*	Simple Annualised Return (SAR) =	HPR X 12

- Compound Annualised Gross Return (CAGIR)

 PV x (1+x)+ = FV
- 4. Glose Brided Funds

1. Discount / Bremium Price = Exchange price - NAV x 100

- 5. Expense Ratio = Expenses

 Average Postfalia / Average NAV
- 6. Returns = Ending Value Beginning Value x 100.

 Beginning Value

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	PORTFOLIO MANAG	PEMENT
<u>1</u>)	STASTICS	
ŀ	Returns= (P1-P0) + I × 100	
	where; Po = Price at the beginning of Price at the end of in D = Income earned during	vectment penind
	Past data	
2.	Avenage Return (Mean) $\bar{x} = 6x$	
3.	Average Risk 62= \[\varepsilon \) \[\text{Elx-} \] (Standard Deviation)	<u>Ī)²</u> σα = [ε[(α-]) ² x]
4,	1. Covaniance (Covay) E[(x-I)/y	<u>-g)]</u>
5.	exxen	
PI PT - F4404	· con art = Rat x ex x et	

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6. Postfolio Return (Rp) = waxxa + wbxxb + waxxa.

Combination of variance calculation = n(n-1)}

7. Portfolio Rich (op) = Vwa2x 62a + wb2x 62b + 2wa.wb. Govab

xabxcaxcb

8. Properties of Postfolio Risk

When x=-1; 6p=a-b

x=+1; 6p= a+b

8=0; sp= \a2+b2

9. Minimum Vaniance Postfolio (PIVP)

wa = 62b - Covab

on + ob - 2 Covab

-When x=-1; Ep= D -> +ve weights

- When x=+1; op= 0 -- - ve weight (Short selling)

10. Theory of Domingace

Rule 1: Same Return :- Risk +

Rule 2: Same Risk :- Return 1

Rule 3: Different Return and Risk :- Coefficient of = 5

Variation

flower; the botten ?

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	Different ways of calculating Expected Return:		
11.	As pen Capital Asset Pricing Model (CAPM);		
	ke/BRB/E/x) = Rf + (Rm-Rf)xp		
	where: Els) = Experted xeturn by investor.		
	BRR - Required xate of setum by equity share	roldes.	
	ke = Cost of equity to the company.	1	
	Rf = Risk free xote of xeturn for the investo	8.01	
	Rm = Return on market postfolio.	V	
	Rm-Rf = Market Risk Bremium		
	B = Beta		
12.	As per Lecurity Characteristic Line (SCL) / Sharpe Index	Model /	
	Bingle Index Model;		
	E(x) = Rf + Rmxp		
,	A NOTE OF THE PERSON OF THE PE		
13	As per Profitrage Printer Theory (APT) & Muttifactor Pla	del3:	
	As per Ashitxage Pricing Theory (APT) Multifactor Mo Els) = Rf + Bix Rpi + Bax Rpa +	any Rom	
	where ; B = Sensitivity of factors on stock (1,2,3,		
	Rp = Rick Bremium Lie Actual xeturng - Exp		4054
	€ Bp = Ax - E(x)}		
14.	As per Capital Market Line (CML) & No Beta?		
	$E(x) = Rf + \left(\frac{Rm - Rf}{cm}\right) \times Gi$		
	(sm		
	where; ci = Risk of stock/Portfolio		
	om = Potal Market Risk		
and the beautiful	Rm-Rf = Shappe Ratio of Market / Risk Return	the do no	0/
	Slope of CML	WOODE DT	1
	SIDE OF LIVE		
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1 37350		application because the	

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Ways	of Ca	leulating	Posts	dio Risk :-	
Ways	of la	lculating	Loadie	dio Kiek:	-

where ; e = Standard Boons / Residual Exmos/ Unsystematic Risk.

· Beta Calculation:

$$\beta = \frac{\sin x \sin x \sin x}{6^2 m} = \frac{\sin x \sin x}{6 m}$$

where; i= Stock.

me market

· Bystematic & Unsystematic Risk - fox Prairidual Security & Postfolio

USR = 6et2

20. Postfolio

USR = wa2x sea2 + wb2x seb2 + wc2x sec2 +....

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<i>2</i> .	Covaniance	between	2 Lecurities	using	Beta
	Cox	ab= Ba	x Bbx com	.4	

PERFORMANCE EVALUATION

1. Sharpe Ratio = Rp-Rf

where; Rp=Return of postfolio/fund/security RF = Risk free setuen

6p = Standard Deviation

2. Treynox Ratio = Rp-Rf

where; pp = Systematic Risk of Portfolia.

3. Jensen's Alfa (1) = Alb) - Elb)

where; E(x) = of+(Rm-Rf)xp fAs per CAPMy

(II) PRICING

$$P_0 = D_0(1+g)$$
 $Re-g$

where; Po = Intrinsic Value / Equilibrium Rice / Ideal Price

Do= Gurrent dividend / last yes dividend / Dividend paid / Alxendy given

DI = Experted dividend / Dividend in future / Dividend to be paid

in next years

g = Growth in dividends / earnings / menflows

Eq = setention satio (b) x seturn on equity (ROE)

Re = Cost of equity; Experted setwer by ESH; Equity Capitalisation Rate LAS per CAPM; ke = Rf+ (Rm-Rf)xp3

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SECURITY HNALYSIS 1. Single Stage Growth Model
As per Growdon's Growth; Po = Dox(1+q) ox Po = Do
ke-q where; Pa= Intrinsic Value / Equilibrium Price / Ident Price Do- Current dividend / last year dividend Dividend paid/ Alxendy given Di = Experted dividend / Dividend in future / Dividend to be paid in next year. g = Growth in dividends / armings / cash flows: Eg= setention satio (b) x seturn on equity (ROE)} be = Cost of equity; Expected seturn by ESI; Equity Capitalisation Rote LAG por CAPM; Re= Rf+ (Rm-Rf)xp3 2 Dual Stage Growth Model $lo = \varepsilon \frac{Dox(1+ga)^{t}}{(1+he)^{t}} + \frac{Dt(1+ga)}{(he-ga)(1+he)^{t}}$ where; t=terminal year ga=abnosmal growth sate gn = normal growth xote ke = Cost of equity.

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Strategic Financial Management Date
Free Cash flow to the firm (FCFF)
FCFF = Net Pocome + Non Cosh + Botevest (1-T) - FC invet - AUX investment
FCFF = Net Income + Interest (1-T) - [FC invot- Dept] - A wc invet
FCFF= EBIT (I-T) - [FC invet-Dept] - AWG invet
FCFF = CFO + Int(1-T) - FC invet
$(EBIT - I) \times (I - T) = NI$ $EBIT (I - T) - I(I - T) = NI + I(I - T)$
CFO = NI + Non Cash - Auc invet
Free Cash Flow to the Equity (FCFE) FCFE = FCFE - Dat (1-T) + NB (Net Borsowings)
FCFE = NI - [FC Invet - Depri] - Awc invt + NB
FCFE = NI - [FC invt - Depr] - A WC invt + Dx [FC invt-Depr] + Dx x A WC in
FCFE = NI - [(1-Do) (fcinut-Depn)] - [(1-Do) x A WC invt]
FCFE = NI - [Fxx (FC invt-Depn)] - [Ex x Aux Invt]
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Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, which		
5. Valuation	of firm (FCFF)	
1	ge = Vfilm = FCFF x (1+9)	
	wacc-g	
- Plulti Stage	Yrim = 6 FCFF (1+ga) + FCFF+>	(l+qn)
	(1+WACC)T /WACC-	gn) (1+WACC)
where;	WACC = kn = wdxkd + wpxkp + wext	M
	g = xetention xatio /b) x Return on	
	Res	2010
- V fierra =	vd + vp + Ve - Cash	
∴ Ve =	V firm - Vd - Vp + Cash	
- Po= Ve		
No	of shaves	
6. Valuation	of Equity (FCFE)	
- dipale ch	ige - Ve = ECFE × (1+g)	
24	ke-g	*
j t		
M. IL GENA	Ye - E FEFEX (1+ga) + FEFETX	(4-0-)
	(1+Re) (Re-on)	(1+ke)T
	117AE) TRE- YO	HTREI
tabara b	and all and	
Where ; F	re = Cost of equity.	
- 6 = Ve		
	of shanes	
nal Doshi, CFA		Contact : 9920546

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7.	Economic Value Added (EVA)
-	EVA = Net Operating Profit - [Total invested capital x wacc?]
	after tax (TIC)
-	EVA = [EBIT(1-T)] - [(D+E) x WACC?]
_	Where ; TIC = Debt + Equity / FC invt + wc invt
8	Convertible Preterence Shares
3	Convertible Preference Shares. Conversion Ratio - No of equity shares: Profesence shares.
	IA 18
T)	Conversion Value = Conversion Ratio x CMP of equity.
- T	
īii)	Conversion Premium = Market Rice of Bref sh- Conversion Value
17 N	Conversion Value
	Right Issue & Valuation of Rights.
ÿ	Value of Right = 18 - (Nxxx)
	Ns+N×
.1	* O O
4	X-Right Price = (POXN9)+(NXX8)
	No + Nx
	where; Po = Current price of equity share.
	No of equity shares
	× = Right Rice
	NK = No of sights
161	Gum Right Price - Value of Right = X Right Price.
44	the tight trace - value of hight = 10 Hight Price.

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	SECURITY ANALYSIS-BOND VALUATION
	12
t	Intrinsic Value of the bond (Pa) = CXPVIFA(XX, +) + RVXPVIF(XX, +)
	where; C = Coupon.
5 MUST 20	PVIFA = Present Value Interest Factor Reporty
Allerton seeptimes, and	x = Yield to Maturity (4IM)
	t = time/period
	PVIF = Resent Value Patement Party
	RV = Redemption Value
2.	Approximate 4TM = Dotement + [RV-cme]
	(Non-Time Value) × 100
	RV+CMP 2
	tolong condition of the second
	Where; CMP- Gurrent Market Price.
	0 110 111
3,	Perpetual / Brosedeemable Bond
n tightain talkin alaga of an indigenal or by species of	Pa = Goupon
and the same and t	УПИ
4.	Curvent Yield = Coupon x 100
	Price
\$ 2 4 1 T T T T T T T T T T T T T T T T T T	
5,	Duxation = t x wt
	where; t= time/period.
gadeniero in him gaga <u>auto aut</u>	
	wt = weights
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	IAL Strategic Financial Management				
			· <u></u>		
6.	Modified Dunation = <u>Dunation</u> (MD) 1+4TM		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
	(140) [+4117				
子.	- MD = 1/ A Price				
	% A Yield				
		9			
	: % Ain Rice = Y. A Yield X-MD	A			
		A M			
		A			
8.	D-c cxt + Rvxt	A			
	$D = \underbrace{Cxt}_{(1+4)^{t}} + \underbrace{Rvxt}_{(1+4)^{t}}$				
	Po A				
					43
	where; D= Duration				
	Y= 4TM	*****			
<u> </u>		.\			
9.	Straight Value - B = Cx PVIFA (x1, +) + RV x PVIF (x1)	, L)	- A 1/2 A		
	AND THE RESERVE TO TH	0.			
10.	Option Value - Gurnert Market Bice of bond - Strain	ght Valu	е.		7
	1 8 11			12 m - 12	-
щ	Downside Risk - Option Value				
				11,00	
12	Y of Downside Risk = Straight Value - CMP x 100 CMP				_
	CMP				
13.	Conversion Ratio = no of shares servivable on conver	aton of	Lcc	nye	4
	bond.				
也	Stock Value / Convension Value = Convension Ratio x	CMPOS	sto	ck/e	aı
• 7.	The three from the three - will be the three thr				,
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15	Conversion Parity Price = CMP of bond
	Conversion Ratio
16.	Conversion Premium = Conversion Parity Price - CMP of Equity.
	· ·
17.	. Conversion Remium 1 = Conversion Premium x 100
	CMP of Equity
18	Complete The and I have all the second to th
10.	Favousable Pricome Difference / Shake = Coupon - [Britange satio x DPS]
and the second of the second	Exchange xatio.
	where; DPS = Dividend per share.
	trible, bis - hiviaera per snake.
19	Psemium Payback Period = Convension Premium
P. 10-7100 114	Favourable Income Diff/shake
enter en	
20.	Duxation of Perpetual Bond = 1+6%
	YTM YTM
TO THE R. P. LEWIS CO.	
P-12-(11) (1000aaa a	
merce beam a	
* The obs They vil Thing you	
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***************************************	MERGER, ACQUISITION & CORPORATE RESTRUCTURING
l.	Exchange Ratio = EPS/MPS/BVPST (ER) EPS/MPS/BVPS =
7	Mail II all II a
-	where; EPS = Garning per share
11-40-pt (m) - 14-min	MPG = Manket Price pen share
	BVPS = Book Value per Shave
	T = Target Company
	A = Acquiring Company
4	Personaters holding after acquisition = sh in any co + (ERX ship target co
3 ,	1. Romoters Holding = Romoters Shares x 100
	16tal number of shares
4.	free float market capitalisation = (Total shares-Pormoters sh) x MBS
	OR
	= Mkt Cap x Public Holding
5,	MPS = EPS X PE
	where; PE = Price evening Ratio
6	Post menger (Mkt (ap) = No of shares x MPS
7.	Market Capitalisation = Gree float market cap
	Free float (1)

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- 8. Net NPA = Gross NPA Provisions
- 9. GIEDSS NPA (1) = GIEDSS NPA × 100
 Total Advances
- 10. Capital Adequacy Ratio (CAR) = Total Capital x 100
 Risk Weighted Assets
- 11. Swap Ratio = (BVPST x w) + (MPST x w) + (CART X w) + (CART X w) +

(GNPA X W)

where, BVPS = Book Value per Share

MPS = Market Price per Share

CAR = Capital Adequacy Ratio

GNPA = Grass Non Perspanning Asset

W = Weights

12 passet = wd x pd + wex pe where; d = debt

e = equity

13. Paset & with no toxation

Passet = D x pd + E xpe

D+E D+E

E. If nothing given - pd = 03

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15	pd = 0 {Not Given}
	: B asset = wex Be
· # #**	
6.	Of only equity is issued. Broset = Be
	βnaset = βe
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CA FINAL SFM VIDEO LECTURES

Get an exclusive coverage of most repeated sums and concepts explained in detail along with A2A - Handwritten book set



No. of Sums: 500+

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OREIGN EXCHANGE & DERIVATIVES

- 1. Spread = Ask rote Bid rate.
- 2. Mid-Quote = Ask rate + Bid rate
- 3. Spread Mangie (1) = Spread x 100 Mid-Quote
- 4. Bid sate = Mid-Quote Spread
- 5. Ask sate = Mid-Quate + Spread
- 6. Annualised Fosward Margin (AFM)

 AFM = F-G x 100 x 12.

where : F = Forward xate

S= Spot sate

N = No of months.

7. As per Interest Rate Parity (IRP);
forward Rate be = Spot x (1+ Intro)
(1+ Int be)

where ; bc = bose currency

VC = variable currency.

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8.	and of One Price.		
	law of One Price. PHG = PFC X FC		
			######################################
	where; Puc = Price of goods in home currency.		
	Pec = Price of goods in foreign currency.		
	FC = Exchange rate in foreign currency.	(1)	
		194 File 186 #	
9. 1	to pen Punchasing Power Parity (PPP);	Pa W	
	Forward Rate = Sport sate x (1+ Inflation v)	45	
	(1+Inflations)	V	
	where; v = variable currency		
	b= base convency.		
10. J	As per Asher's Effect;		
	$(1+N) = (1+R) \times (1+E)$		
	Where; N= Nominal Interest Rate.		
	R = Real Dobenest Rate.		
	D = Inflation		
ll.	Theoritical / Theal / Physilibrium Future Price (TFP);		
	TFP = 9+c-D		
	where; 5 = Spot Rice		
	C= Cost of carrying		
	D= Dividend		
12	Cost of Coverying - Simple Annualised		
	Dividend (Pibsolute)		
	$TFP = S + \left(Sx \times x + \frac{1}{2}\right) - D$		
	r 1.47		
		0	00E40E4
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- Dividend Yield

$$\frac{\text{dend} \quad \text{lem}}{\text{TFP} = S + \left(3x \times x + \frac{1}{12}\right) - \left(5x d \times \frac{1}{12}\right)}$$

$$:TFP = S + \left[S \times (8-d) \times \frac{1}{12} \right]$$

- 13. Cost of Carrying Compounded Annualised.
- Dividend (Absolute)

- Dividend Yield

where; t= No of year time period of compounding a - No of times compounding in a year

15 CCRI / Exponential

where ; x = sate of interest

est = 9t is the exponential function which is always in factor and will be provided in the question.

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16.	Cost of carrying - CCRI	
_	Dividend (Absolute)	
	Of dividend is experted at end	Marie Marie de Marie
	TFP = 9 x e t - D	
		5-2
•	If dividend is seceived between before maturity	- &
	Method 1: TFP = 9x esti - Desta	PA WAI
	Method 2: TFP= (S-De-sti) × estz	M W
	Interned 2: IFF= (S-De) xe	* 0
	De la lateral	7
-	TFP = Sx e (8-d)xt	
	IFF = 5X e	
	TFP = [s+c] + 5c/L	
14.		
	where; Sc/S = Storage Cost.	
	Contract One - (a- Ca) + ve	
10.	Contract 91ze = (BT-BP) x ve FCS Quantity	
	Bisk Adjustment Adjustment	
	TALL PROPERTY.	
	where; Br = Target Beta	
	Be= Postfolio Beta	
	VP = Value of Postfolio	
	FCS = Putune Contract Size.	
	Maria Cu Danama I Cara I Maria M	
19.	Margin Call = Dritial Margin - Balance in Margin Ac	COURT.
20.	BEP = Initial Margin - Maiotenance Margin	
	Lot alze	
V.,	Dock! OTA	0
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<i>2</i> 1.	Opening balance - (M2M loss) + Margin Call = Closing balance.
20	Combined Cina (Madaina Parattalia 140 Parana (Dalla Madaina)
24.	Contract Size (Hedging Postfolio with Options / Delta Hedging)
	CS = 1 X VP & OCS
	Where; CS = Cookact Size
	VP= Value of Postfolio.
	OCS = Option Contract Size.
	S = Delta = 1 change in Option Premiser
	1. change in Vaderlying Asset
23.	FRA Pay Off = (Refeate - FRA sate) x NP x 2
	360
	[1+(RRX d)]
	L (360)
Nederlandscape na c	where; FRA rate / RFRAL- DE is fixed rate of FRA lie Contracted Rate
	Ref sate + gettlement sate as UBOR on maturity.
	d Duration of the underlying.
	NP - Notional Principal
- 2 4.	As per Plist Neutral Model (BNM);
	(SuxRe) + (SdxPd) =TFP
	where; Su= Bace when the stack goes upwards
	Sd = Price when the stock goes downwards
	Pu = Probability of Stock going upwards.
	Pd = Probability of stock going downwards.
********	So = Brice of Stock today
	x = Risk free rate
	t = Time of moturity
	Pu+Pd=1

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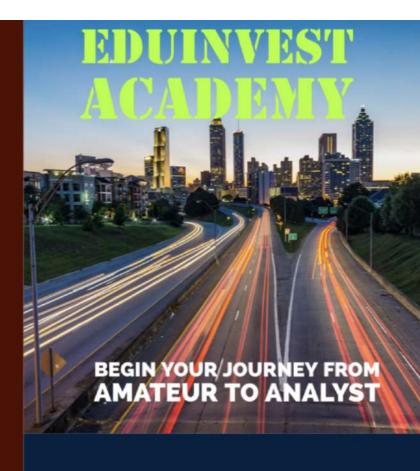
_	Put Call Panity.
	30+80= Co+xe->t
-	where; so= long in Stock.
artis.	Pa=long Pat
1	Co = Long Call.
	Xe st = Present value of the strike price also called as Inve
	in risk free at present value of x.
-	formulas of Black & Scholes.
	Co = Sox N(di)-xe-st x N(dz)
	di = la/s) + [/x+s2 x +]
	$di = \ln\left(\frac{s}{x}\right) + \left(\left(x + \frac{s^2}{2}\right) \times t\right)$
	6×√t
Section 1	whomas Co - Rice of Coul Coul Romain on Andrew
Ì	Whene; Co = Price of Call/Call Bremium today.
Towns and the	So = Spot Pice today.
The second second	So = Spot Price today. X = Strike Brice
	So = Spot Price today. X = Strike Brice. Xe = Present Value of Strike.
	So = Spot Price today. X = Strike Rrice. Xe = Present Value of Strike. x = Risk free rate (Annualised)
	So = Spot Price today. X = Strike Rrice. Xe = Present Value of Strike. X = Risk free rate (Annualised) 6 = Standard deviation (Annualised)
	So = Spot Price today. X = Strike Rrice. Xe st = Present Value of strike. X = Plisk free rate (Annualised) 6 = Standard deviation (Annualised) t = Time to maturity
	So = Spot Price today. X = Strike Rrice. Xe = Present Value of strike. X = Risk free rate (Annualised) 6 = Standard deviation (Annualised) t = Time to maturity In = log Natural
	So = Spot Price today. X = Strike Price. Xe = Present Value of strike. X = Plisk free rate (Annualised) 6 = Standard deviation (Annualised) t = Time to maturity

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<u>D</u>)	INTERNATIONAL FINANCIAL MANAGEMENT
ŀ	As Den Interest Rate Parity;
nucle rese	As per Interest Rate Parity; Forward Bc = Spot Bc x (1+ Port vc)
	(I+Int ac)
	where; bc = base currency.
	VC = Voriable currency.
•	Per Punchasing Power Parity; Forward Be = Spote × (1+Inflation ve) (1+Inflation Be)
	Forward = Sout × (1+Poflation va)
	(1+Dofation BC)
3.	NCE = RCF x (1+ Inflation)
4.	RCF = NCF (1+Dnflation)
5.	Modified Pateural Rate of Return = [FV] 1/4 - 1 (MIRR)
-	
THE REAL PROPERTY.	
	Doshi CFA Contact : 992054654
vuna	Doshi, CFA Contact: 992054654

CA FINAL PAPER - 6B: FINANCIAL SERVICES & CAPITAL MARKETS





BATCH DETAILS:

WEEKENDS ONLY BATCH STARTS: 3RD AUGUST, 2019 ENDS: 1ST SEPTEMBER, 2019 TIMINGS: 10:30AM TO 4:30PM

CONTACT: 9920546547 / 7977674844 FACEBOOK PAGE – EDUINVEST ACADEMY



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CA-FII	IAL Strategic Financial Management	Date	
	MM		
	ONEY ARKET		
1.	Discount Yield = FV - Price x 100 x 365		
	FV t		
	where; fv= fair Value	V	-
	t = Peniod / time	1	
2 1	Bond Equivalent Yield = FV-Rice x 100 x 365		
	Price x 100 x 865		
	0		
3. [Spertive Annualised Yield = [1+ +] ton - 1		
	where; n = no of times compounded in a Yeax t = Perford Ations		
	A PALL OF THE PARTY OF THE PART		
	B. H. A. Y.		
	- A - A - A - A - A - A - A - A - A - A		
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nal Do	shi, CFA Conta	ct : 9920	SASSA7

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	CAPITAL BUDGETING DECISION
A	Basics
	P A
1.	Cash flow after tax = Net profit after tax + Depreciation.
der control car	The second secon
2.	Payback Period = E+ B
	where; E = Preceeding year to the year of recovery of initial
7000	investment
	B = Balance amount to be secovered
	G = Potal costs flow in the year of recovery
3	Net Bresent Value (NPV) = Bregent Value of - Bresent Value of
10	Cash Inflows Cash Outflows.
垬 .	Rofitability Index (P.D) = Present Value of Cash Inflows
	Present Value of Cash Dutflows
6_	Annualised NPV / Equivalent Annualised Cost (EAC)
	= NPV/PV of Net Cash Outflows
	PVIFA (x:/,t)
	where; PVIFA = Present Value Interest Factor Annuity x = Rate of Interest
(1) algory	t = Time / Period.
nal	Doshi, CFA Contact: 992054654

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	ARR = Average NPAT x 100 Average Investment			
	Average Investment			
	where; Average Investments = Opening + closing invt			
	OR can be taken as closing invt.			
R.	Onflation in Capital Budgeting.			
	BG DEH Fisher Elect: Nominal Rate = Baffation + Real Rate			
	As pen Fisher Effect; Nominal Rate = Daflation + Real Rate : (1+N) = (1+Paflation) x (1+R)			
9.	RCF x (1 + Inflation) = NCF			
	where; RCF = Real Cosh Flow			
	NCF = Nominal Cash Flow.			
0.	NCF x L = RCF			
	NCF x 1 = RCF (1+Inflation)			
B) (RISK ANALYSIS.			
	Coekthient of Variation = Risk = 6			
	(Risk-Reword Ratio) Return I			
	Particulars without probability with Robabilit			
2	ž (Retuna) 62 E(XXP)			
	N			
3.	$\varepsilon(Risk)$ $\int \frac{\varepsilon(x-\bar{x})^2}{N}$ $\int \varepsilon[(x-\bar{x})^2 \times P]$			
	V N			

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4	Calculation of Risk of the Regiect -
(3	If Cash flows are dependent {x=1; cp=a+b}
7	The Cash flows are dependent {x=1; cp=a+b} ener = (scf. x Df) + (scf. x Df) + (scf. x Df)
17:	
	If msh flows are Independent & 8=0; 6p=\a2+b2 ENPV= V/GCF, x DF)2 + (GCF2 x DF2)2 + (GCF3 x DF3)2
5	Standard Normal Distribution Gurve
i.	Z value = Parget Value - I
	67
9	LEASING & BORROWING DECISION.
t.	Calculation of Lease Rental (Beenk Even Lease)
15	PVCO = Lease Rental x (1-t) x PVIFA(x1,t)
	where; I = xequired return by the lesson / coc of leggns.
2.	Calculation of EAST - Equated Planual Installment.
<u>r</u>)	Of installments are on and of year
	toan amount = EAI x PVIFA (Int/, t)
ii)	If installments are on beginning of years.
	De installments are on beginning of year. Loan amount = EAI x [1+ PVIFA (Int /, t-1)]
-	

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	FACTORING
ال	Debtors To Ratio = Gredit Gales
	Average Dehtors/Accounts Receivable.
2	Debtoss Velocity Ratio / = 12
	Plyonge Collection Peniod Deblors Tunnover Rotto
	OR OR
	= 12 x Avg. Debtoes Gedit Sales
	Wealt Sales
3.	Average Debtoxs = Gredit Gales x Average Collection Period
	12
••	
4,	Gredit Sales = Receivables x 12
5.	Effective rate of factoring = Net annualised cost
	of facturing x 100
	ef factoring x 100 Pictual advance granted
	1975

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The section of the se	DIVIDEND POLICY
×	DIVIDEND APPROACHES
	Walter's Model
	$P = D + (E - D) \times \times$ Re
	ke
	where; P= Price of share / Intrinsic Value
	D= Dividends (DPS)
	E = Earnings (EPS) × = Preturn on investment / Return on Equity ox seturn on
	/ kitna kamaya / kitna kama sakte hain)
	Re = Cost of equity / Required xeturn by equity shaxeholders/
·	Chitra Kamana chiye)
	ke = 1 + PExatia
2.	Goodon's Gisouth.
	$R_0 = D_1$ $O \times D_0 \times (1+q)$ $R_0 = Q$ $R_0 = Q$
	where; Po= Intrinsic Value / Equilibrium Price / Ideal Price
	Do = Gurrent dividend / last yes dividend / Dividend paid / Alxendy giver Dr = Expected dividend / dividend in future / Div to be paid in next year
	g = Growth lg = bx ROE is retention ratiox return po equity }
	Re= Cost of equity I As per CAPTA; Re= Rf+(Rm-Rf)xB3
Kuna	Doshi, CFA Contact: 9920546547

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CA-F	INAL Strategic Financial Management	Date	
3,	Gixahan & DODD Model (Praditional Model)		
	Price = [D+E] XM		
	[3]		
	where; M= Multiplies		
		0	
4.	Linter's Pladel	2 m	
	Di = Doxc + [Tanget Plosatio x EPS) x (1-		
	where; Do= Covert dividend ox lost year divide		20,000
	DI = Experted dividend or next year dividend	lend.	
	c = Adjustment Inchors busing 145		
- 12	EPS = Earnings per share		
	Much Cou		
ے.	Modifillani & Millex		
	$P_0 = \frac{D_1 + P_1}{(1 + Re)}$		
	where, Po = Current Proce		
	Pi = Experted Price		
	Di= Expected Dividend		
	ke=Cost of equity.		
			7.5
*	DIVIDEND PRELEVANCE THEORY OF MM		
	nlo = P(m+n) - I + E		is a second
	1+ ke		
	where; nPo = Total market value of firm	10.25	
	P = Price of share / Potrinsic Value	1072 201020	
	m = Old shaves		
	n = new shares		
	I = Dovestment made		
	E = Potal Farnings		
	Re = Cost of equity		
T IBUT	Doshi, CFA	Contact: 99205	i46547

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IHEORITICAL	Buy-BAG	N INICE		
Value of	co before	Вшу-Баск	= Value of	ico after buy-baci
$(\alpha \times \beta) = (\alpha - \beta) \times \beta$				
	B	= 2×6		P A
	70	= xx Po (x-b)		NA W
where:	= No of st	MHES beton	e buy-bac	K E
		le character	4	The second secon
	Po = Price of	co bemise	buy-back	. New
	R = Brice of	co alter	buy-back	Buy-back price
	· ·	,	9	, ,
Managarin (- Amazan	appromptody) (-6)		- 3 183,445	
THE THE PERSON NAMED IN COLUMN TWO	principal di sentente est			
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TESTIMONIALS

"It was a jourey. From movie rating to CRISIL rating. From Zomato reviews to Stock Analysts reports. From discussing Cricket to discussing Bitcoins. The various concepts linked with practical scenarios helped me not only to grasp syllabus related things easily but also helped me to understand and analyse various practical things. Yes, academically Kunal Sir's teachings has helped me drastically. Not only in CA Final but also in CS Professional I was able to touch the 70 line. But as it is rightly said that education is what remains when what has been learned has been forgotten, every concept learned with him is still fresh in my mind. It was a great journey from being an AMATEUR to an ANALYST! Now, not only I am able to add CA prefix to my name but also able to understand things in a broad spectrum. Things such as Brexit, SAARC relations, Investment Models, Currency devaluation, Cut motions, Subprime Crisis and many other things which earlier were like Chinese for me. Lots of thanks to Kunal Sir. A teacher who not just taught how to solve sums but who instilled a love for learning."

Pratik Chowkekar

I was always scared of SFM and never thought I would score 81 in SFM. All thanks to Kunal Sir, the best SFM professor. His global financial and political knowledge is very good. He will teach the more important thing in SFM paper that is how to read the question and evaluate the answer. Thank you so much sir.

Alina Lopes

Attempted 80 marks SFM paper and scored 69. I have done Kunal sir's fast track course for SFM. And since then SFM became my favourite subject. His teaching is totally different. I mean, he doesn't just stick to the syllabus. Learning from him is like you are virtually entering into the market and dealing everything there. He doesn't just make your concepts clear but he also makes sure that you become proficient in its practical aspect too. That is one of the reason, why I learnt SFM from him. The finance subject becomes so easy that you can explain it to anyone. Most important, I attempted the paper of 80 marks and I scored 69. The subject helped me to save my group and also to earn the CA prefix!

Anagha Patil

Best professor ever! Kunal sir makes the complicated concept so easy that you can solve any problem easily. He focuses on the basics and that's the best part. I scored 76 marks in SFM just because of him. My true idol Thanks a lot Kunal Sir..!!

Preksha Patel

Kunal sir's explanation of concepts was amazing and made SFM a cakewalk. I was a person who knew nothing and after attending sir's 1 month batch there was a drastic change as I could completely connect the subject to the practical world. Hence proved that the punch-line "from amateur to analyst" holds true. Thanks a lot sir as scoring 72 made me achieve my dream of CA. In short, by joining Kunal Sir's class there's an assured guarantee that one's future is in safe hands.

Alina Lopes

Kunal sir's SFM class makes you fall in love with the subject. I have attended his pendrive classes. He explains even the complicated topics in simple and clear manner. His examples and ability to connect the topics to current market scenarios makes the class interesting. He also teaches how to analysis and understand the questions. Special care is taken with regard to presentation of answers and to improve speed. After attending the classes you become confident to face the exams. Thank you sir for helping me score 73 in SFM.

Christeena Sebastian

By any chance you happened to be a math phobic or person who dislikes numbers, then Kunal Sir is the right person to go to for SFM. I repose great trust in the teaching skills of Kunal Sir, solely because he knows his subject in enough depths to make students understand it easily. I was a CS student, however, studied SFM with CA students and I passed this subject in one go. Be sincere in your efforts and Sir is ready to help you pass with flying colours.

Niyati Panchal

Thanks for making this subject so much fun and easy. I scored 72 in SFM and had attended a fast track course. Awesome conceptual clarity with best study material ever!

Smruti Shah

Kunal Sir's method of teaching is brilliant, he teaches the most complicated concepts in the simplest way possible. He continuously links current affairs with SFM which makes studying and understanding the subject even more interesting. His focus is to make sure that all his students think like analysts which ultimately helps scoring an exemption in SFM believable. Kunal sir's teaching is highly recommended to every student aiming an exemption and best understanding of the subject

Yuti Mehta Sanghvi

Lots of Thanks to Kunal Sir, Despite May18 SFM being tricky paper, I managed to clear my CA with very good marks in SFM. All the topics of SFM are superbly taught by giving in depth knowledge of the subject linking it with practical examples of share markets, various economic policies etc. which made flow of learning very practical & making SFM concepts very strong. Kunal sir is really a good motivator and equal attention is given to each & every student. He encourages involvement and participation of every student to make SFM topics lively and easy to remember

Kevin Lodaya

Special thanks to Kunal Doshi sir got exemption in SFM by just revising once for 3 days. He is the best teacher for SFM. His approach towards giving practical knowledge of stock markets, proving you the formula with their derivation makes it easy to understand and remember the concepts. He proves the tag line of becoming amateur to analyst!

Smita Shah

Kunal Doshi Sir is the one you should go to if you not only want to score good in SFM but also learn new things. His teaching style is very impressive and he won't let you feel bored anytime. Also he is just a call away just in case you want to clear your doubts or even in exam time. He is also available on whatsapp which not every teacher does.

Sahil Kapoor

For Forex and Derivatives, No one comes close to Kunal Sir. Conceptually well versed and one will fall in love with the subject. I just loved it, SFM plays a very big part for aggregate. Just join Kunal Sir's class and love the journey! Definitely Good Marks will follow.

Ashwin Sundaram

His conceptual teaching, linking a particular topic with the current market scenario, constant motivation, student wise attention and instant reply to all the doubts and queries of any student is something that will help you to achieve great marks in SFM. Also the current affair updates with the international market make it interesting learning with Kunal Sir.

Jesal Chavda

Kunal Sir's methods of teaching makes us understand the toughest of concepts in a very simple way and he makes sure to relate it with current affairs and also encourages to come up with different topics for discussion. If it's SFM, it's definitely Kunal Doshi.

Riddhi Dhakan

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