LANGUOSTYLE 1 1 Chapter 8 **Chapter 8** - Risk & Return - Returns - Divalence - Appre Cialion of slock pice \$3 - \$ 3.5 - The company should not give divedence when stees at lost of his be shell outsmatically face higher costs with no revenues. - Risk Portven Ces : Selin 1. Risk overse Lo Refiortel in electisions, whit even Risk they take they went Return for it. & Return & Risk. 2 Risk ruliel to investors choose the investment with higher return regardless of its Risk, I went this much of Return & the wents to Reach it 3% st- from. government, individuals.... ete 3. Risk seekers "lovens" to investors purfus investing with greater Nisk even if the expected Return is low. cd: investing in 2 country that has were up - Risk is always uncertain, nothing is stable Risk = un Certanity.

LANGUOSTYLE Risk & Return Lo Port folio - To Reelvce Rish Was to we should do " Diversification" (Egint - Returns for strayle asset $= ruv p - old p = (P_{+} - P_{l-1}) + C_{l}$ $old p \qquad \qquad P_{+1} = 3$ C+ - is Divedence Cash flow. - when they don't give divedence that means Cr = zero Exemples :-Ercl Dive clence Bey rote 3-411.23 532.17 5.30 Apo le new is End old is Bay 60.33 68.23 1.59 wolmert Returns for apple = 532.17 - 411.23 + 5.30 41. 23 = 30% Peturns for welmert = 68.23 - 60.33 + 1.59 - 15.7%

1 1 LANGUDSTYLE 1) Rarcy "Risk" = pessemestre out come - optimis Irc out come Asset A. Asset B' Initial investment \$10,000 10,000 CF Anneral Return 7% 4 Persimusfic 131 Lo most likely 15% 15% Lo optimistic 23% 171. Reny = oppkmestic - pessimestic Asset "A" 13% 171. -41. Ξ Asset .B. Reny = opplemestic - pessemestic 231. - 71. 161. 2) probability Distribution 3) Standard division شرح عبها لقدام 4) Bet? -STUDENTS-HUB.com Uploaded By: anonymous Scanned by CamScanner

3) Standurd druistion - rf for a period $G_{i} = \sqrt{\frac{2}{2}(X - \overline{X})^{2}}$ - if for a probability 6: = √ E (X; - X) * Probebility X: - Return Asset X -> Expected Return X: -> Return For Single asset. "Step one " Cnew - old) + CF, $X_{i} = R_{i} =$ n - Period $\overline{X}_n = \underline{\xi} \underline{X}_i$ "Step two " Xp = Exi + Probability RP = ER: * Pro bebility

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		LANGUOSI	YLE		/ /
Example 8-					
Asset "A"			R,	= ER:	· Probability
	Return	Probability	expected for		J
pessemestrc	13+	0.25	131- + 0.25	;	3.25%
most likely	151.	D. 50	151 + 0.50		7.50%
app timestic	17%	0.25	171. + 0.2	25	4.25%
			٤	- 15	1.
Asset "B"				_	
	Peturn	Arobebil: ty	expected	Return	
Peasemen Hic	71.	0.25	71. + 0.	25	= 1.75%
nost likely	151.	0.50	151. + 0	50	= 7.50%
opp times fre	231.	0.25	23% # 0	25	= 5.751
			٤١	51.	
D. H. anort	0 Daluns	200 15%		51. of m	them m
Both expection	eel Returns	ere 15%. "A or B	So il doc		them m
Both expection	eel Returns 1 Provent,	ere 15%. "A or B	So il doc		them m
wich essel	i invest.	"A or B	80_1 _lbc. 		
wich essel	i invest.	ere 15%. "A or B)² # Probebile	80_1 _lbc. 	k; XA	
oich essel 6A =√ ₹	i invest. CXA - X	"A or B) ² # Probebile	So il cloc. " " " Uo	k; XA X	- Return
oich essel 6A =√≦ XA	i invest. CXA - X X	"A or B) ² # Probabile X _A - X	Bo il cloc. " " " Uo (XA-X) ²	k ; XA X <u>Prob</u>	→ Return → E expecto
uich essel 6A = √ E XA 131	; invest. CXA - X X 1. 151	"A or B) ² # Probabile X _A - X -21.	Bo_il_clock " " Up (XA-X) ² (41.	k; XA X <u>Piob</u> 0.25	→ Return → E expecto (XA-X) ² a 1 1+
0:ch essel 6A = √ ₹ XA 131 151	i invest. CXA - X X I. 151. 151.	"A or B) ² # Probabile <u>X_A - X</u> -21. 01.	So $1 \ cbc$ " $(X_A - \overline{X})^2$ (1)	nt m k; XA <u>Fiob</u> 0.25 0.50	→ Return → E expecto (XA - X) ² 4 1+ 0%
uich essel 6A = √ E XA 131	i invest. CXA - X X I. 151. 151.	"A or B) ² # Probabile X _A - X -21.	Bo_il_clock " " Up (XA-X) ² (41.	nt m k; XA <u>Fiob</u> 0.25 0.50	 → Return → E expected (XA - X)² a 1% 1% 1%
0:ch essel 6A = √ ₹ XA 131 151	i invest. CXA - X I. 151. I. 151.	"A or B) ² # Probabile X _A - X -21. 01. 21.	So $1 \ cbc$ " $(X_A - \overline{X})^2$ (1)	nt m k; XA <u>Fiob</u> 0.25 0.50	→ Return → E expecte (XA - X) ² & 1 1+ 0%

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11111111111 68 - 7 2 (XB - 7) + Probability (16-7)" + Frob (Xa - 7) Xô X X8 - X Avob. 641. 161. 21. 151 - 81 -0.12 6% 151. 01. 01. 01. 0.50 81. 161. 641 15% 234 0.25 \$ 32% = 5.6.7. = Risk 68 = 1 32 % Cofficent of Veriation = 6 - <u>5.51</u> - 0.525 ≈ 0.53 in the question she scale if the Risk is 0.75 a less shill take it . the Risk is 0.53 so she will make the decision of investing. * Jok 6 - is Risk Examples of Return "A" coffeend variable $A^{"} = \frac{6}{R} = \frac{1.411}{150}$ Return Risk A 15% 1.411. = 0.094 B 201. 5.61. collected verience B' = E = 5.61. وحدة الناس بن اعشار = 0.26

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	TYLE	1 /
Example & Year Boyp Enlp Diversince		
2013 \$ 35 \$36.5 \$ 3.50 2014 \$ 36.5 \$ 34.5 \$ 3.50		
2015 \$ 34.5 \$ 35 \$ 4		
		V TO V
Relurn = (36.5 - = 35) + 3.50	= 14.3	$4 = \frac{14}{3} = \frac{14}$
35		= 10.43%
	4%	
Return 2 = (34.5 - 36.5) + 3.50	2	X = Single R
36.5		
Returns = (35 - 34.5) + 4	- 13%]
Return g = (35 - 34.51 14 34.5	0	
24.0		
X X X X-X	$(X-\overline{X})^2$	
Year 1 1/2.1 29.1	15.21%	
2013, 19.37 10.18.1 6 112.1		
6192 91. 10. 12:1 2 57.1		
2015, 13%. 10.43% 2.24%		
	E=63. 11 %	
C:of	e its period	
[n-1] = 3-1 = 2 Since		
	5.62	1.
$\sqrt{\frac{2(x-x)}{n-1}} = \sqrt{\frac{63.11}{2}}$	- P.U.	/-
n-1 2		
		7

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1 LANBUDSTYLE Portfolio - P Return Lo Risk Repullatio = Z(w: + R:) - us: - wey the propation - R; - Return of each single esset. Exemples :-100 Stures from welmert - \$ \$55 / Per sture = \$ 5,500 100 Sheres from Cisco system \$25 / pushine = \$2,500 Totel pulfilio = 8000 5.500 - 68.75% U?; 8000 2, 500 31.25% W: 8000 -given in question "0.50" Pupe 374 Expected R R portfolio Asset x, Asety. Year (0.50 * 8%) + (0.50 * 16%) 12% 16% 8% 2014 (0.50 x 10+) + (0.50 x 14+) 121. = 141. 10% 2015 (0.50 g 12%) + (0.50 x 12%) 121. 12:1. 12% 2016 (0.50 A 141.) + (0.50 × 10) = 121. 10% 141. 2018 (0.50 # 16%) + (0.50+ 81.) = 12% 61. 8% 2018 $\overline{R_{P}} = \underbrace{\epsilon R_{P}}_{\Pi} = 12! + 12! + 12! + 12! + 12! + 12! = 60! = 5$ = × 12 0.1 = T (12%-12%) + --- 5 times = 7 5-1 60 - V E(X:-X)2 STUDENTS-HUB.com Uploaded By: anonymous Scanned by CamScanner

LANGUOSIYLE Ry R. RpalBlip + 4 Yeer - 81. (0.50 + 8+) + (0.50 + 8+) 8% 81. 2014 - lot. (0.50 + 10%) + (0.50 +10%) 10% 101. 2015 (0.50 + 12×) + (0.50 + 12×) 121 -12% 12% 2016 - 141. (0.50 + 14x) + (0.50 + 14x) 14% 14.1. 2017 (0.50 + 16x) + (0.50 × 16x) = 16% 61. 16% 2018 = 81. + 10% + 12% + 14% + 16% = 12% Rp 6rp -7 (8-12)2 + (10-12)2 + (12-12)2 + (4-12)2+(16-12)2 5-1 = 3.16.22 ≈ 3.2% 6-0 - V 10 % p post live Correlation - Some direction -> Carcletion to ellegitive Correlation -> opposite direction - Correlation Cofficient - Perfectly Positrvely Correlation -> +1 - perfectly weychildy Correlition -> Lo un Correlation = Leno There's Risk 4

LANGUNSTYLE 1 1 Exemple 8-Year Roop R pilki R pulice R bop, pelkl RoleH, Palico 1 4.1. 51 61. 191. 5.3% 6% 2 4% 741. 6.64 6.11. 3 71. 41. 2.1 5.21. 3.4% 4 10% 61. 1% 7.6% 4.5% P. - Bop "bunk of filestine" 40% Lo Pellal 60% P. - Pullel - For. Lo pulico - 30%. R. - 9.6% R. = 4.825%. 6. - V (191-9.61)2+ (6.61-9.61)2+ (5.21-9.61)2+ (7.61-9.61) 4 -1 $6_1 = \sqrt{85.36 + 9 + 19.36 + 4} = 6.341$ $6_{2} = \sqrt{(5.3 + -4.825)^{2} + (6.1 + -\frac{4}{8.825})^{2} + (3.4 + -4.825)^{2} + (4.5 + -4.825)^{2}} + (4.5 + -4.825)^{2} + (4.5 + -4.8$ 4 -1 = V 0. 225 + 1.62 + 2.03 + 0.105 = V 3.98 = 1.15× $-Cv_1 - \frac{6}{R} - \frac{6.3 \ 4^{1/2}}{9.6^{1/2}} = 0.66 - Cu_2 = \frac{6}{R} = \frac{1.15!}{9.825!} = 0.238$ Second porthelio is the best chorce because it has come on & Cu. So - lower Risk. Uploaded By canonymous Scanned by CamScanner STUDENTS-HUB.com

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Risk & Return - Corpital asset pricony method. -CAPM Rs = Return of the asset " slock " Bok : (Rm-RE) IS Colled Rs = Rr + Bets = (Rm - Rr) Lo market Risk premium. - Rs - Return of the asset - RE - Risk Free - tressing bills. Tressing band - in in loss - Grower mut bound. - Rm -> The market index - Al-Duch melea - Betz - Risk Total Risk = Diversifiable Nisk + Donducisifiable Risk = Nonsystematic Pisk + Systematic Risk = Specific Risk + market Risk + Bets only measures the Sondiversifiette Risk فية sta 2 - 2 بتراوح بت sta -2 -> Return USs the merket +2 -> Return some direction of the market Bets for the merket = 1 r will go up by B = 1.5 - if the market increase by 1 1.5 B=-1.5 - if the mulat in cresse by 1. i will go down by 1.5 STUDENTS-HUB.com Uploaded By camprovers

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Exemples Bel Estel muestment ung tel 50,000 Amezon 0.82 251. 40,000 211. 6. beg 0.87 0.99 that 20.000 10% Microsoft 60,000 301. 1.18 151. Yehoo_ 0.89 80,0000 € 200.000 Bete Partilio = E (w: + Beta) - 0.965 · 20,000 = 10%. wrighter = . 50.000 = 25% 200,000 = 30%. · 40,000 . 60.00> - 20-1-100,000 30,000 = 15%. 100.007 STUDENTS-HUB.com Uploaded By canonymous Scanned by CamScanner

LANGUBSTYLE

Example portestro V Puge 355 Por Palis 0 Asset Poportion Bets Populian Bete 010 1.65 0.10 0.80 1 0.10 1.00 0.30 1.00 2 0.65 0.20 1.30 0.20 3 0.10 2.75 4 0.20 1.10 0.20 1.25 0.50 18.05 5 Exemple 3. Rz = Rr + Beta (Rm - Rr) Betz = 1.5 = 71. + 1.5 (111. -76) RF = 71. Rm = 111. = 13% R1 = 12 R1= 13% SML security market line Del. 1.15 151. Puze 387 1/10 71 او جزح 15 12 1.5 0.5 1 A Rusk Free -"Actual" Nominal Rik = Real rate + Expected rafletion

LANGUOSTYLE Example page - 80%. Problems Solution. P8-4 Runye = optimistic - Penemustre - 161. - 241. 8% - 10% 301. Renyes = 251. B) project A is len Risky because the range is town Range A < Ranges C) Pigicet A. Since its less Risky Q) No Rements the Seme. PX-7 $A) - CU_A = \frac{6}{10} = \frac{71}{201} = 0.35.$ - CUB = 6 = 9.5% = 0.475 - Cue = 6 = 6% = 0.316 $-C_{A} = \frac{6}{F} = \frac{5.61}{161} = 0.344$ B) Alkinstrue C becupe it has less coefficient of verilion.

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LANGUDSTYLE 1 1 P8-9 cu blow 0.9 R12 = (21.55 - 14.36)+0 = 50% d) R13 = (64.78 - 21.55) +0 = 2001. 21.55 RIN = (72.38 - 64.78)+0 - 11.73% 64.78 Ris - (91.8 - 72.38) +0 = 26.8% 72.38 B) R.P Yeer Return Probibility 12.5% 0.25 50% 2/2 50% 0.25 2013 100% 293% 11.75% 2014 D.25 6.71-2012 26.8% 0.25 E = 72.13:1. - expected Return C) R = E(X, -X) = A Prob n-150% + 200% + 11.73% + 26.8% = 72.13% R = (R: -R)-4 R: - R 2.49 2012 22.061. 1.635 1.289% 2013 2.365 2014 -6.1. 0.2 2015 -45.3%

LANGUOSTYLE -7 2.69 - 0.95 6.44+1.635+ 2.365 + 0.2 $CV = \frac{c}{R} = 0.95 = 1.3$ Q) E) coefficient of vuiction is greater then o.g So it is nots key. (A)p 8-21 (b) - الب + + · · ال B Asset 01. 9 -0.09 \$ 0.9 0.044 1 w - 0.06 \$ 0.064 -2.6 0.18 9 -D. 186 1.8 Y 0.23 4 - 2.230 23 Z 1 world Arefer esset (X) beeness it is maring C) opposite the nurket so the return will increase. 0) I would prefer asset (Z) because it will be increaded the most Uploaded By canonymous Scanned by CamScanner STUDENTS-HUB.com

Chapter 6 LANGUOSTYLE Infrest Rates & bond Uslustion Chapter 6 . Dibt security - Money mulat securitity Debt sec 11 81 21 obligation " short term security" * Treeservy bills "T bills" - Risk b IM issure is the government then * Neystichle Certithial of Pupasit - Rika one you issuan is Rupsih on insitutions * Commer and piper issuer: high quality capactions role = its an unscewitry promissory. - Cupitel market scontres lory krm" A Bonds - Treesing band rssurer :- goverment - MUNICIPAL - LUNI bonel rssuer: local your ment - corporate bond Kover-> Corporctions



LANGUOSTYLE principal (\$) plrest (%) nulurity (n) - Intrest Rete علهن نفن المعنى - Coupon Rite - Orscount Rete - Yeile to metersty => Womenal intrest Rate = Real intrest Rate + expected inflation Enople s ABC bonce principal "Pace velue" _B1000 intrest - 6% This is for the one with hisk free miturity = 3 years Tressury bounds & Treesury bills Sominal intrestrate = Real intrust Rule + expected in Relient 21. 41. = 21. + continue intrestrictes Rul intrest + capacital inflation + Risk premum 61. 21- + 21. + 21. Uploaded By: anonymous Scanned by CamScanner STUDENTS-HUB.com

LANGUOSTYLE to Term structure of the intrest Rate. yeld to A - invertel feitel curve 1981 netvates Flat Yeid Wive 1989 - normal yeld curve 3 Youry From Years Time - invertal - reitel ane 9 Patrest in short term 7 intrest in long term / down weid intrest in short term < intrest in long term lop word - normal -> intrust in short term = intrust in long term 112 -0 * why to have normal yield any - Expectation Theory. - Ciquichity perfrance Theory. - Market seymentation Theory. + Expectation Theory 1 Lo investor think about Returns intrest Rike in Later will increase whit do i do now? I invest in the shart term now until they intrest Rete increase

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LANGUOSTYLE 1 240 if in an assure cost thicks about cost i much my the long term right away & iquidity prefrence theory حديث بقر الاحل احل الري وامولها الكاش بن ال Risk عليه & Market sey mentation thony term - insurance y - bray - Dunsion - Bunking inclusing y -o styoit term security ف فظامات مشمر فين بس term دف قطامات ب Shult term. Land Laborer in Kind STUDENTS-HUB.com Uploaded By: anonymous Scanned by CamScanner

LANGUUSTYLE * Debault Risk " Credit" مؤ احف لية وكور ال معان Crealiter عبر قابل لا رجاي العال الله و ال intrest sover to quis beck the \$ & ratrest. * maturity Risk :-ا حتمالية التعرف ل Risk في فنرة الأستحدات + Contrectual provision Risksissue inicial elan بحفوا شروط لا معالي 1- Cost of Oubl < cost of equity - Corporate band + ArinGipal "face volue" + Coupon intrust Rete * Heturity - stanetuch debt provisions. to Restrictor Covenents

1 1 Common slock 137 Hodders R evenues - Cost of goods sold GIOSS PHOREF - open-shing Expenses EBIT > Tax deelectible 111 - In liest Expense Bond holder a levelad EBT - Tax 2 Will 1 Eenings offer tax Preflerel Dr Prekland stock 121 holders. Esnings available for Common Stock. of Tuske Bond Holder 11225 Eli ulalor Land بفن حقوت الطرفين STUDENTS-HUB.com Uploaded By anonymous Scanned by CamScanner

............. + cut of bound of the course الماتر الفزة - واح معير تعيمات المترويزين الضغ علي - الزاد الماله 1. 2. Impact of othering size حبم المعارب الي المشرر المشرمها "اوخذما" 2 Impact of Issues Risk يعقد على وضع المادعب العداني -، كل ما كانه الموقع احس عل ما نقل ال xisk 4. Impact of Ost of Money لا intest Rite اعب بحضيا بد دنها عد النوص خطاف النرف اي معكن بحديها + 17.1 Conversion Reture stocks - boods I juge and Equity a oblightion is get soco-shp auners 4- creditors is it is I pop Quelence Retter then intrest v Equity + Oubt is jet 2 Cell feature ارجع السرناعي الب في السوت Losus 4 1. Cell pirce المارعي الي بو فقم عشاء ارم ال Bond م 2 Cell prevery - Call Price Starvalue II - init اليع ف المحج بغواء (احتجاب المعند).

LANGUOSIYLE 11 & Current Vield = <u>Annual</u> intrust payment current = price "nvestor" - Yield to meturity = cost of Debt "issuer" - Cell Vield & Exemple: Face value - \$ 1000 y - Annual intrest puyment Coupon ralvest = 8% Winent price = \$970 - Current Yield Current Vield = (face value & Coupon intreat) Current price = (\$ 1000 + 0.08) = 8.25% \$ 970

LANGUDSTYLE + Types of bands :-/ / to un scowered bonch Lo secured bonch - un securel bands - Debatures - ZErill Que and a بيند جاد الدين بعدما يندنع الأواد م ح debritures - Subadirited debritures -بلاكسية حسب دخل الترعة - alano مالاكسية - secured bond مرجونة بأرجن أوجنى (إ مانندفت بنبيج الأرجن محتايز نريغ - morleye bonel - مرجونة بأرجن أوجنى (إ مانندفت بنبيج الأرجن محتايز نريغ - colletral trust bonel - يذكونه صرتيفة في الليف عان - colletral trust bonel - Equipment trust Certificates - Equipment trust Certificates port - Zero Carpon bonel فش فيه Risk - Junk bond ale Risk del - Floating Rek bonel -حب سعر اللا شرة في الموت · High yield band = junk bond. the second second * Evorue bond -بصرف عملت انا دبن طالاح الأادا في قوالي تغنع ذلك * Forgine bond -0 بعد ف عولت الدلق اناراع علما THE PLE

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LANGUOSTYLE * Bond Voluelion & Aresont Velue. Discanted of Libre Cash flew Aiscounted present velu envity present volue Single smount - Return is Single emount Bond \$ 1000 * pro Cipel " Pace volu 1.4 * Coupon intrest Rite * Meturity 4 Years * Bond price · Bond Ville" = 2 (PVIFA) + Pur ville (PVIF) I - Coupon intrest pyment = (Coupon intrest & Face value) (PVIFA) - present volu intrest factor of envity K - Yield to maturity 1 - Ariocl "meturity" Per Velve - Foce Velve, principal (PVIF) - Present Vilu intrest factor => PV = FV (1+K)" Stren(PVA) = EFV (I+K)n 11 when we have - PMT / I - 1 K(k+1)" Some pypet

LANGUOSTYLE 1 1 O Example : 3 Exemples with pin ville = \$ 1000 Coupon ratinat = 10% Maturity . 10 % cours $(p_{VA}) = p_{mT} \left[\frac{L}{K} - \frac{1}{K(1+K)^{m}} \right]$ $= \log \left[\frac{1}{107} - \frac{1}{10(1+0.10)} \right] = 614.46$ $p_{\mu} udl = \frac{fv}{(1+k)^{\pi}} = \frac{1000}{(1+1)^{10}} = 385.5$ Band Pirle = 385.5 + 614.46 999.9 ×\$ 1000 D Exmoles-Caupon intrest = 10% Yeld of meturity = 12.1. $\mathcal{E}(PVIFA) = Pmf \left[\frac{1}{K} - \frac{1}{K(1+K^n)} \right]$ $= 100 \int \frac{1}{0.12} - \frac{1}{(0.12 + 1)^{10}} = 565$ - 322 Pur Ville = = <u>1000</u> [[.12]'° Fr $(1+k)^{n}$ STUDENTS-HUB.com

Band Price = 565 + 322 \$887 Qiscount 13 Coupon intrest , lot. Vielel to meterity = 81. $PV = Pmt \left[\frac{1}{K} - \frac{1}{K(1+K)^{n}} \right]$ $= 100 \left[\frac{1}{008} - \frac{1}{00$ PVIF = 1000 = \$463.2 (1+0.08)10 Bond price = 671 + 463.2 1134.2 -> Primum. + Yield to meturity = Coupon intrest Bp "Boul price" = per velie "face velie" · Vield to meturity 7 caupon intrest Bp "bond price = Qiscount Bond price 2 FV Yield to moturity < Coupon intrest Bp "bond price" = premium Face Ville 11 - cije Bond. Pite 7 .FV .

LANGUOSTYLE / / السعر ف الدف اذا إدل من السعسلومل تلف بتري إذا إعلى ما ستيمي Ade . Pebleors $\frac{100}{15} = 4 \text{ Shirls}$ $\beta pr = \frac{Fv}{(1+K)^2} = 100 = \frac{Fv}{(1+0.09)^2} = $109 - Fv$ () $PV = \frac{FV}{(1+K)^n} = 25 = \frac{FV}{(1+0.05)} = FV = 26.25 with the end of the gen weheve $\frac{109}{24.25} = 4.15$ Purcentize = 4:15-4 = 0.038 3.8% more shirts E) Reel Rete + rafletion Rete = Nominal Rete Real + 5% = 9%. Real - 4%

LANGUUSIO 1 1 P6 - 8 A) Rok of Puluin = Real rate + inflation rate = Reel parts + 2% 41. Real Mate 21. = Risk Annium + mflation Rike = Dominal Reel Rite Security B) 41. 61. 2% = 12% A 5%. 5.5% = 12.5% ß 2% 5% 21. = 9% C 2.1. . 9.8% 4.8.1. 31. 2% D 61. Ľ 2% 61. ~ 141. C) Because the making security have lithient maturity.

Chopk- 7 Chapter 7 Stock Valuation · comman stock stock - Equity Is prefland slock " Dune Ship - Rithin Care between Equity & Debl Equity - "swneuship", Retain - "Divulens, Applik han of slock price " , no maturity. Claim on internal & Aset. Tax treatment Debt - Obligation", Return - caupon pmT, maturity, clim on income & Assels, Tex tredment. A Common slock & Prefferel stock - Common Stock 1. provately owned 4 owned by private investors. Not publicly tracked. 2. publicly second (slock) 4 awned by public investors, publicly tredeel. اعب بد و تعلق متل احل الناس وسنرط stock 3. Clasely swneed (stock) Lo individual or small group of mucstors, privatly auned. 4. widly owned (stock) La mony unrelited meliciduals or institutional investors.

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LANGUOSTYLE * premplive Rights + لاالدعب اترل السيم جديدة الادلدية واك الرم حت ستتروحن م اي حاطف الا ميم المالية . · ablin of samership . Euring pu stores a Riverbul & Eis puters un prosto al الواع المهم الشركة بتطرمم 1. Authorizal Sheres :- 4 That 4 strenes of common slock that rem ellewed to issue. 2. But shorting stores :is issued stores of common slock held by ravertors. it includes both private & public investors. 3. THORANY Slock :-La issuel Stores of Common stock held by the firm Repurchused strucs by the firm. 4. Issoel shoes: Le struct at common stock that are put rate Circulation the sum & outstanding stares to Treesung slock.

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- 2 Dividencels - + of Por veter - Answel \$1 / shure.
- 3 Comulation - Comulative prefand stock . = Non comulative prettend stock.
- 4. other fectures - Celleble to Retire strives no e specific period alette a specific Price.
 - Conversion Charge each strene rate a stalled nember of strenes of common stock.

- Issuen G فررت تصر المهم ف الاكتاب العام - Quect ABC company stocks investors La Could be includer or instubans. - Indirect - prolets win - tomet - tomet

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