

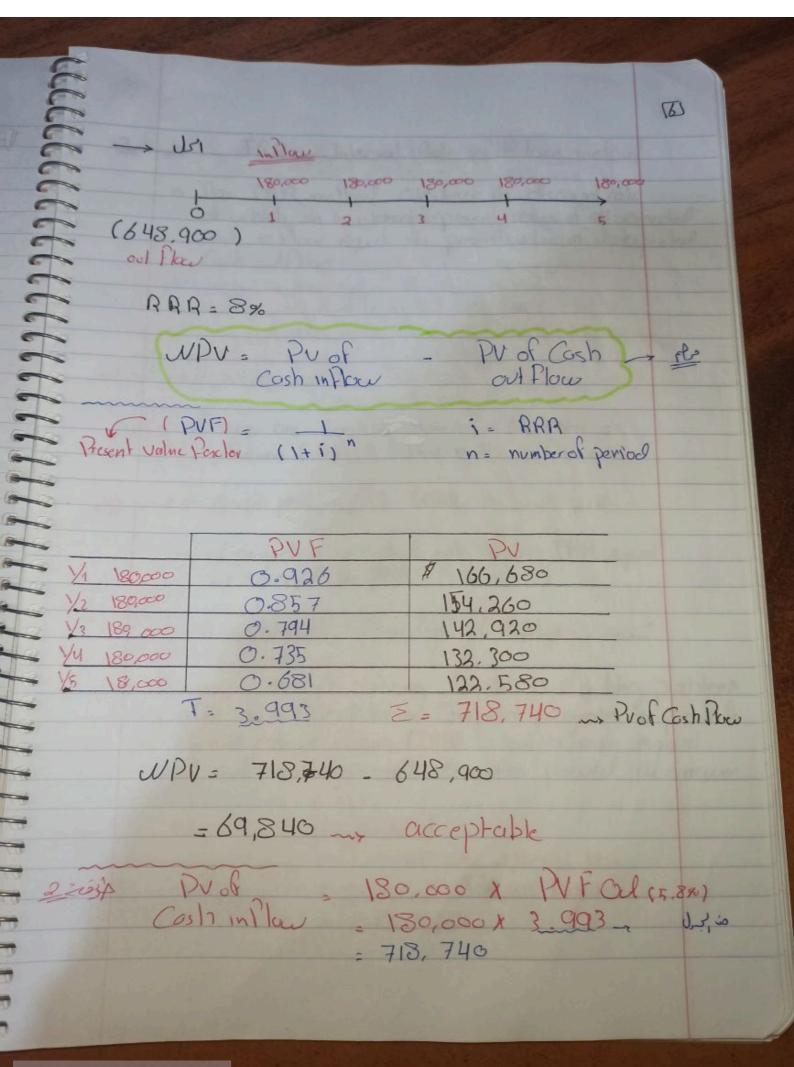
国 1) Not present value method (WPV) Gro WPV method - calculate the expected monetary gain or loss from a project by discounting all expected Kuture cash inflows andoor flows back to the present point in time, useing The BRB رع مین الحال الوسع ادر الحال مین میں Required Rule of Relum ere polo cerp in gois in seciely له العامل لل المعلم الما الما مله والعارف الما وقد مالا معالم العالم المعالم المعالم المعالم Required Rule of Return 2 plant is almalians a له معمل لعائد بالحارجه ما is Based on Financial Pactor done, only projects with a zero or positive UPV are acceptable المرة علم الارقام على مرها اذا كان الله القمم كاله مم اداكن عنى مقولة لم بيني لابراد اكم ما المارية مع بدور بينوا را عنبار all to see Time value of money II 53 KRR - a ole file les Lis internally set, usually by upper management and typically represents the return that an organization Could expect to receive elsewhere for an investment of Comparable risk dissil, teles ), le 3) العالة لذي تنوقع الركمة ا أن من المستعلى الخر aplac, man UDEN 15-HUB.COM <del>opioaded by, anonymous</del>

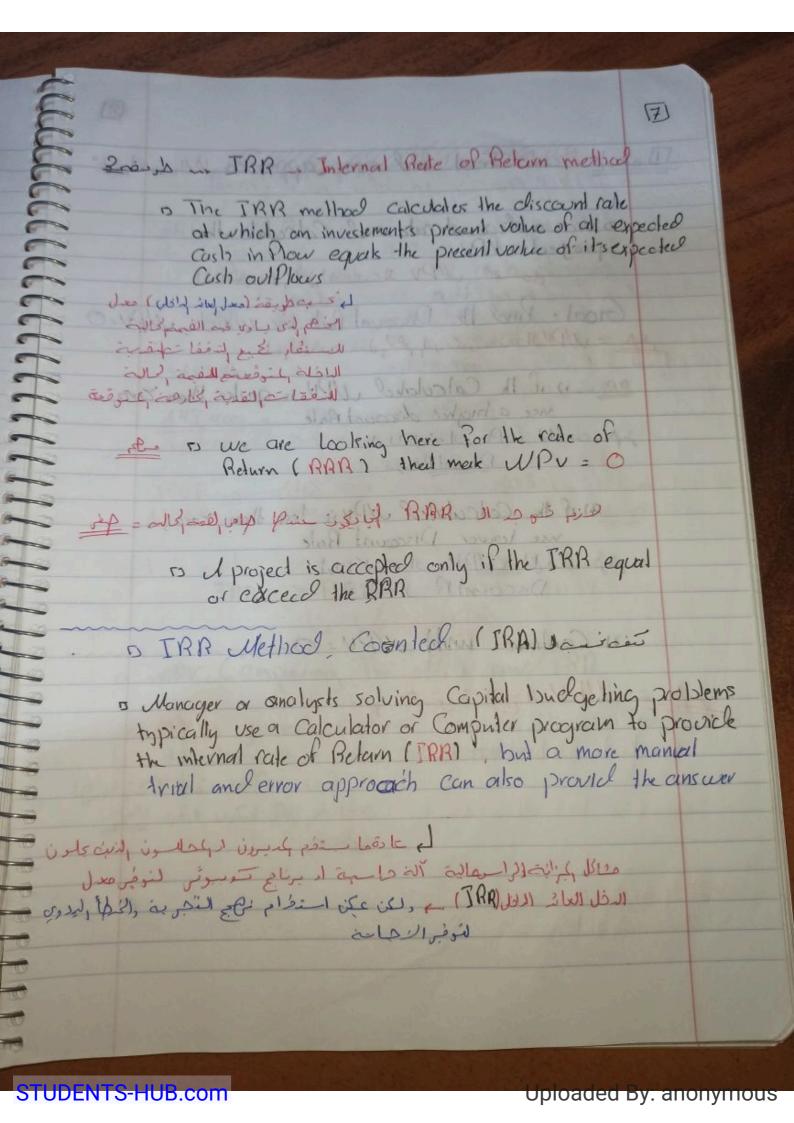
回 RRR C, is also called the Discount Rate, hurdle Rate, Cost of Capital, opportunity Cost of Three step net present value (WPV) method wed Riche of Pertina ID Prow a sketch of the relevant Cash inflow and المارع منطط المتدمقات القدية المالمة والخارجة دائه لمعلة Discount the Cosh flows useing the Correct Compound intrest table from appendix A and sum them لم فم بنام الدفقات القدة با سندام هدل لفائدة لركة للحيط lexe de destin Wake the project Decision on the Basis of the Cal Calated NPV rero or positive should be accepted because the expected Renter of return equal tero or exceed the RRA while gifely be ist a کافی القیمه کالی ایم و به به تسملول عمار ایای لان معدل بان بان ایم ساری جوراد بنجارز معمل لاادر اعلار STUDENTS-HUB.com Uploaded By: anonymous

5 NEXII منح م المات مع عدة شكاري من قبل الناش قدرت نه د ۱۹ ام من old buses - Men Buses Hybrid butes -نتذم لطافة الكهربات is Cost of the new bus = 660,000 دالنؤس To Addition in working Capital = 30,000 Substancy Capital = Current - Current blow, Me, with the distance of the section xic supplies 1 -> ulssel 1 -> wc 1 + doll. working Capital 30,000 ] out Play 690,000 - Cosh Plan Prom choposing (41,100) ImPland
- the old lous the stiple = net initial investement of D Cash inflow = 180,000

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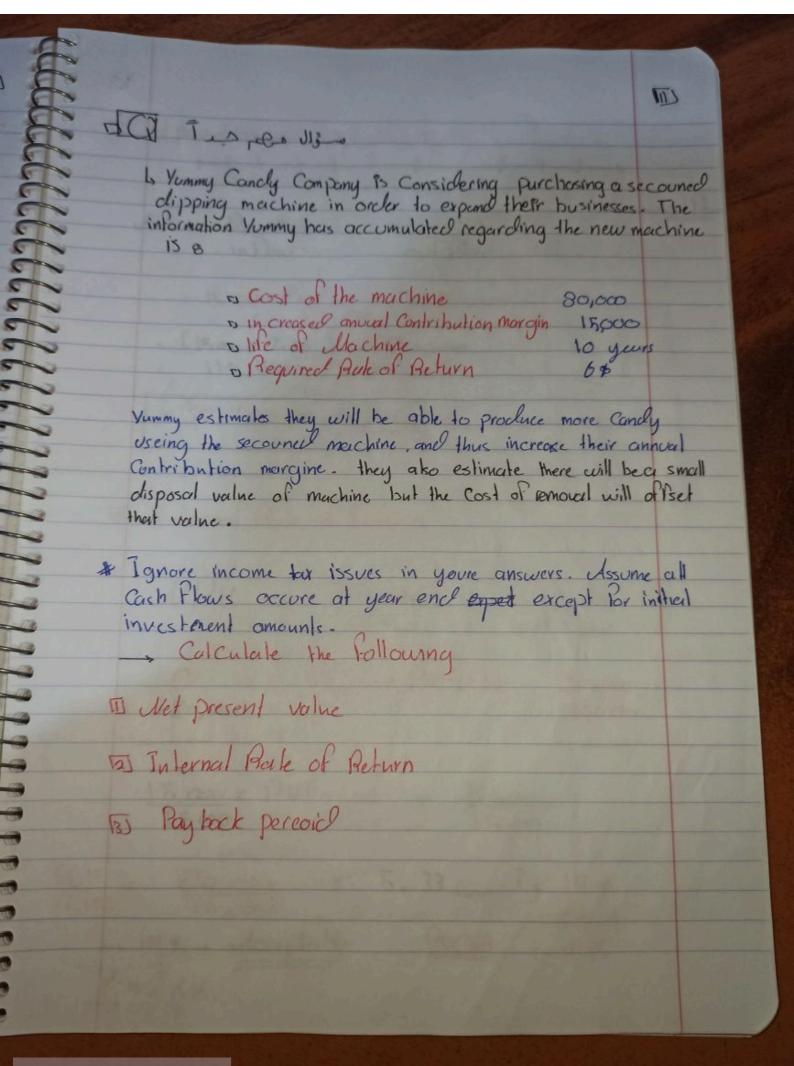
8 III was trial and error approach 101, 2, 1, 199 sive a discount rate and Calculate the project NPV sic alight, the probability Groat. Find the Discount Bak For which WPV=0 as = WIN accorded de la constal 1) if the Calculated WPV is grater than Zero use a higher discount Rale pepo cold who is distributed as an All Dirant Regio ( 1999 ) and 2) if the Calculated UPV is less than Zero, Discount Bale Discount R Moderall 1) Continue until WPV = 0 MP Vid to A Silver of Comparison of Comparis <del>opioaded by, anonymous</del>

100 19) IRR welling I have always the UPV = PV cosh - PV cosh in Plans al Flows O = PV Costi - 648,900 4648,900 + 648,900 648,900 = 180,000 × PUF(DE) - iRR 180,000 180,000 1PVF = 648, 900 = 3.605 TRR > RRR 6 eleceptable is all Comparing The UPV and TRA to share bolder volue meaning toolion لے لمزیقة ۱۹۷۷ مقطة اکثر لازما بعلى رقم كائي فيكون هفيد لكي at the

101 o UPV is expressed in ablar, not in percentages : JRR project Cannot be added or averaged

to \* represent the IRR of a Combination of

projects مناكل بنا القيمة إلى المالك مناكل من led is JRR este silphoxes, estation acoust TRR date الم ليني لا يكن ال تكون IRR لا الا الا الم الم الم 991 ellyin 13 The UPV can always be Computed Der aproject varies over the like of the project sofani on his WPV ain fain were 5 but IRR medhood still wickly used العمالاغم مددا الا انها العد مينة ان الدويث العلمي نقر كن العرق وناميح بنو كمن عبع العارق ومفارته نتا نجها



12 I Not present value Sepon out Plan UPV = PV Cash - PV Cash
In Flow out Flow = 15,000 + PVF - 30,000 = (15 aco x 7.36) - 80,000 = 110,400 - 80,000 = 30, 400 ↔ Accept ~ 131 Internal Rate of Beturn NPV = Pu Cash . Pu Cash inflow out flow G = 15,000 x PVF(1,10) - 80,000 + 20000 +80,000 15,000 x PVF 11,101 = 80,000 15000 15000 PUF = 30,000 = 5.33 m P = 14 % 14 90 - Acceptable ProA = J.J. (1,10) 15,000

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E Pay back period him portion of grad of all and some of the period of t	回
E 13 Pay back period show of out of	
الم بالفته في تتامها لاستهاد الا طمهره الم	
V1 5 15,000 Or VOURSELVEBURE	
V3 = 15,000 80,000 = × V4 = 15,000	
15,000 x 12 month	
5 year and 4 month	- 1V
VI 15,000 or womentown 15,000	Yu
ex a light out flow = 150,000  Cumultive Cash saving	150,000
Inflan Y1 = 50,000 350,000	100,000
1/2 = 1 55,000 1) 105,000	45,000
1/3 = 60,000	- MA
V4= 35,000	
V5 = 90,000	
To I would be set to the set of t	- 14
1 ys 45,000 x 12 month = 9month	
the state of the s	world !
pay Back period = 2 years and 9 month	
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	<b>はない。</b>		-
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	p Pay Back provoc	ادما سلباے ال	
	Time value of money is the wind with is h		1
	Discounted pay , so lo zup		THE STATE OF THE S
	000,37		
	Discounted pay Pack II plan L. Ulik c period des, a se PV of 14 Discounted	RRR= 3%	事
	VI = 50,000 x 0.926 =	46.300 46	300
	y2 = 55,000 x 0.857 :	47,135 93	
	V3 = 60,000 N 0.794 614	7,640	11,075
	Yu = 25,000 N 0.735 = 68		
	V8 = 90,000 X 0.631 = 61	, प्रेव०	3
	150,000		0 10 5
	V1 -> 103,700		
4 0		50,000	= my lace Yi =
9	y3 → 8,925 → (15	10,000 - 141,07	5) 3/
	<i>y</i> <sub>4</sub> →	60,000	2 5V
-56		35,000	- NA -
A COLUMN		600,00	= 31
9000		≈ 2 month	2 mouth
Carlot Contract	62,475	211	
	x 12 month = Generally	45,000	W.
1000			
No. of Lot	Discounted pay Back period =	3 years and	2 mouth
22.00	= 2 years and 9 march	Course No	of per
TOUR			
1	AND DESCRIPTION OF THE PARTY OF	and the second	THE REAL PROPERTY.

1151 (4) Accorded Accounting Parte of Between Wethout (MARR) الله معدل بالماسية عام الساس بالمتعقاف العالث L. Accrual Basis iliasi Dina Increase in expected URR. luarching annual Aftertoix Nel initial investment حب مثال إليالهات 160,000 Purchased price + increase in working Capital.
- Disposal of the old lous 30,000 -(41,100) 648,900 = Net initial investement 189000 180,000 150,000 + 30,000 opioaded by, anonymous STUDENTS-HUB.COM

[16] Por the Pirst 4 years L. After tax operating income cash inflow = 180,000 A MARINE A LONG A L Depreciation ( Non Cash) D For Old bus = 12,000 D for New lons = 132,000 increase in Dep = \$120,000 Burchase mce enja lus Avorage income Depreciation (ulan Cash) 4 years = 180,000 } 5th year = 180,000 Lovage increase in operating = (180,000 x4) + 150,000

Cash in Place

5 174.000 न्त्रिह्य STUDENTS-HUB.com Uploaded By: anonymous THE THE STATE OF T III 174,000 - 120,000 MIRR -643,900 0.083 - King of 834 sted durage II ist de contact jeil IA, beg balance of investment = 648,900 Idelitioned working Capital = 30,000
Ending Balance of the investement Avavage investement = Beginning + Ending
Balance Balance = 648,900 + 30,000 = 339, 450 174,000 - 120,000 AARR = 339,450 15,9% UPV LUA SOUT Prairie of caery deild STUDENTS-HUB.com opioaded by, anonymous

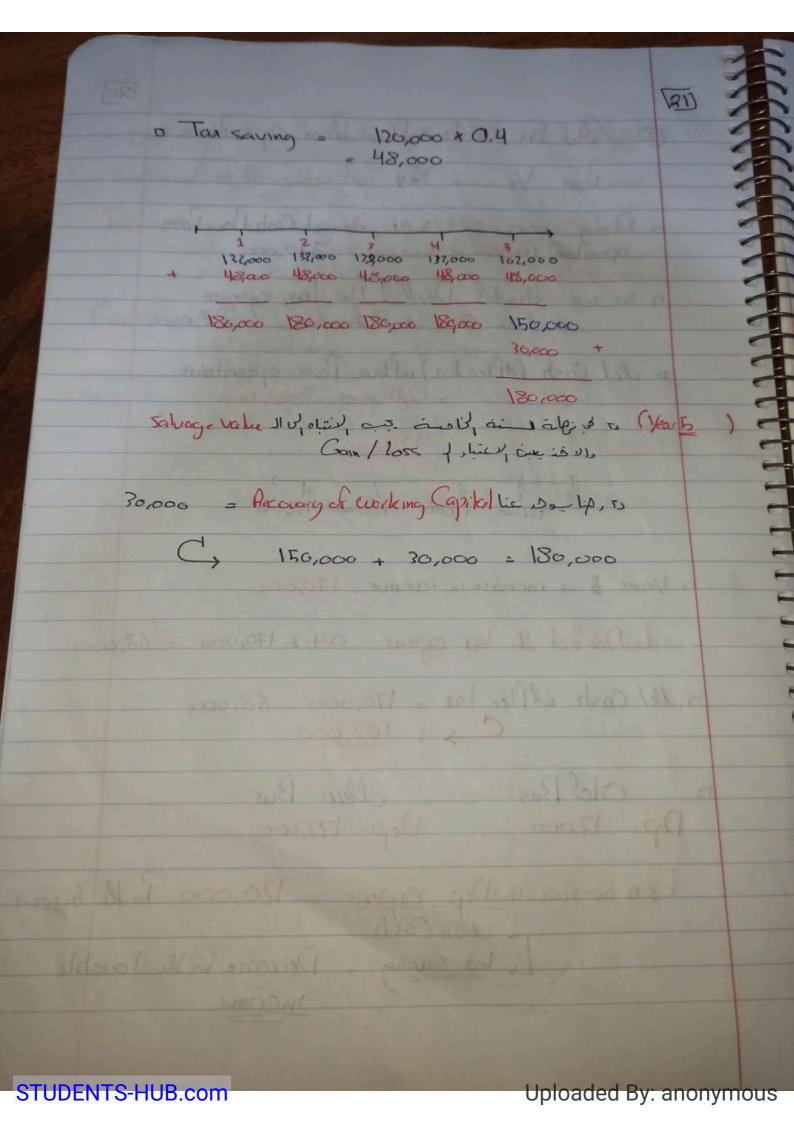
[18] o Belevant Cash Plan in Discounted Cashillan Analysis 12 31 Let pla word of all mais Capital investement 10 Net initial investement souther The wind 12 After lax- Cash inflow from operation 13) After tax- Cash inflow (terminal Disposal value) عدوناد بودكرانه معلقنا با 1 Wet initial investment مال وعود in imitial machine investment 1 initial working Capital 15 After tax Cash Flow From Disposal of old mechine New Bus Parchased of N.B. 660,000 old - Bu = 60,000 Disposal value = 28,500 Deprechation 12,000 -> 132,000 - Loss Pom Disposal = 60,000 L. Mon Cash - 28,500 > [31,500] , Non Cash La Decrease in tour opioaded by, anonymous STUDENTS-HUB.COM

[19] Prochased of the Wew bus 660,000 Increase in cooking Capital 690,000 Cashiflow from Disposal the old has La Disposal value 28,500

La Disposal value 28,500

Lass on Disposal to the lass on Disposal (0.4 x 31,500) 12,600 > Net initial investement 648, 900 Uploaded By: anonymous STUDENTS-HUB.com

201 a Alter tax Cash antion Iron operations Irom 1/2 ~~ /24 During years 1/2/3/4, annual Cosh flow from operation (increase in Revenue) = 220,000 13 50, we should Deduct the tax expense 88,000 D Net Cash (After tax) inflow from operations 220,000 - 38,000 = 132,000 1 3 3 4 To Years 5 -> increase in revenue = 170,000 Ly Deduct the tex expens 0.4 x 170,000 = 68,000 5. Net Cash After tax = 170,000 - 68,000 Dep. 12,000 Dep. 132,000 Los mercas in Dep expens = 120,000 Por la Byens Ly tax saving - Decrease in the toroble Income opioaded by, anonymous



(22) 10 really 21-42 a will see --and bul, a humber forting tolling o Thy syskem will Cost 750,000 br tax purpose il Con be depreciated SLU to at a zero terminal value over 5 years useful life. However, the CFO expects that the system will still be worth 50,000 at that time 1) There is an additional 75,000 annual Fees for software upgratede and technical support from the vendor D The ability to provide better service and to target and reach more Clients as a result of new system will directly result in 500,000 increase in revenue for sainq in the First year ofter installation, Revenues will grow by 5% each year thereafter, sains's Contribution margin is 60% o Due to greater efficiency in ordering and dispatching supplies , as well as in Collecting receivables, the liems working Capital requirment will electricise by 100,000 is saina will also be able to recluce the amount of warehouse space it Currently lease, saving 40,000 anacolly in the 5) saince supplies pays an Ly Income less = 30% La requirma an After teax rate of Remin = 1210

10 Cash althou of time period O is Net initial investment La Cost of the new system 750,000 Laplat Cash in Plan) (100,000) Net initial investement \$ 650,000 Uploaded By: anonymous STUDENTS-HUB.com

B Cash Enflor					<u>इप</u> )
10110				The second	
	X	1/1 Y210	Y2 1	Уч	Y <sub>5</sub>
ir in Revenues	Face	(1.05 ) 5000	521,250	578,813	607,753
Sox )	300,000	315,000	330,750	347,288	364,652
Pres Decras in Tears exp	(75000) 40000	(75,000)	(-15.000) 40000	(75,000)	(75,000) 40,000
141 Cash in Plaw from Operating (Byto tax)	265,000	280,000	295,750	312,238	
- tax exp (0.3)	(79,500)	(84,000)	(38,725)	(93,686	(98,80)
Nel Cash Haw	185,500	196,000	207,025	218,602	230, 7
	45,000	45,000	45,000	45.000	45.0
Cash inflow	30,500	241,000	252,021	5 263,6	02 275
Dep expensi	e = 750	5	50,000		und of
	lax	saving	1		

		/ A) II	0.0			(95)
	Markel Icin or	value dispose	Cash		50,000	
(a) (a) (oc	Lyincr	erpens		SETT	(15, co) 35,000	Man and a second as the second
	100.00	working	Capita		(100,000) (65,000)	Test of the last
Velimital raves)	650,00	1 02s	Yz	Y <sub>7</sub>	Уч	V5
Cosh in Flow from operating.	415,0	230,500	2.1	252,025	263,025	275, 756
Terminal Disposal	65,0,000	230,500	341,000	252,075	263,025	210,756
Single Sum			n 02/	200	O TO	Dels Capons
ا منارة المنارة				Canita	161	