Summary of Capital Budgeting

SI·No	concept	Formula	Remarks	
31110	Accounting	* original invst		
•	rate of	model	Avg invst	
			mean —	
	retum (ARR)	Avg PAT x 100	Forginvst -	
		6. 111/2C	_salvage _	
		* Avg invst	2	
			+ salvage	
		model	+ w.cap	
		Avg. PAT X100 Avg. invst		
	IMPORTANT	Avg. mvsc		
			STORY OF	
	* ARR USES PAT and so if acception gives CF, adjust it to PATE compute ARR.			
	CF = PAT+	Depn / PAT = CI stration-15 ARR calc-	Chebil	
	* ARR IS also	o called Accounting	g rate of return.	
à٠	Pay back	* For annuity CF		
α,	period			
	PC010G	<u>Initial invet</u>		
		Annual CF	If nothing	
		* For Uneven CF Comulative CF	is said in	
		and calculate	the avestion	
		and carearare	assume that	
<u>ع</u>	Discounted	* For annuity CF	it is normal PBP concept	
<u>o</u> .	PBP		and not disc	
	FOI	<u>Initial invst</u> PVAF		
			PBP.	
		* For Uneven CF Comulative DCF/		
		and calculate		
	(Must do Mu	lestion - Illustration	(21	
			· •	

4.	N PV	* DISCI-DISCO	If profits are given, convert them into CF
	Csolve	practical problems 1, 4,5	
۶۰	IRR	* If annuity	when ever,
	•	CFs are given	annuity CB are
		PISCI= DISCO	given, Toial 4
		CIFXPVAF= COF	error can be
		CIFX X = COF	done using
		X = COF/CIF	calculator
		use Trial 4 error	directly.
		to calc PVAF(x)	CIIIW tration 6)
		10 00(10) 11/1/10 (19)	C+1108 100(1101)0)
		* IF multiple uneven	
		CPs are given	Solve
		calculate NPV	Illustration 7
		using guess rate	
		3 2 3 3 3 3	•
6.	EAB EAC	* Eavuated annuity	calculated when
	•	benefits	auestion is
		NPV - PVAF	inflow based
		, , , ,	CI Ilustry - 14)
		* Faulated annuity	. (*
		Cost	calculated when
		DISCO + PVAF	question is
			outflow based
			(Practica)
			mo blem - 6)
			1000 = 10111 = 0)
 	mofitability	* DISCI	Expressed in
•	Index	DISCO	times. Used for
	111000		ranking NPV
		- Cpractical prob 8)	projects.
		,	101011 2013