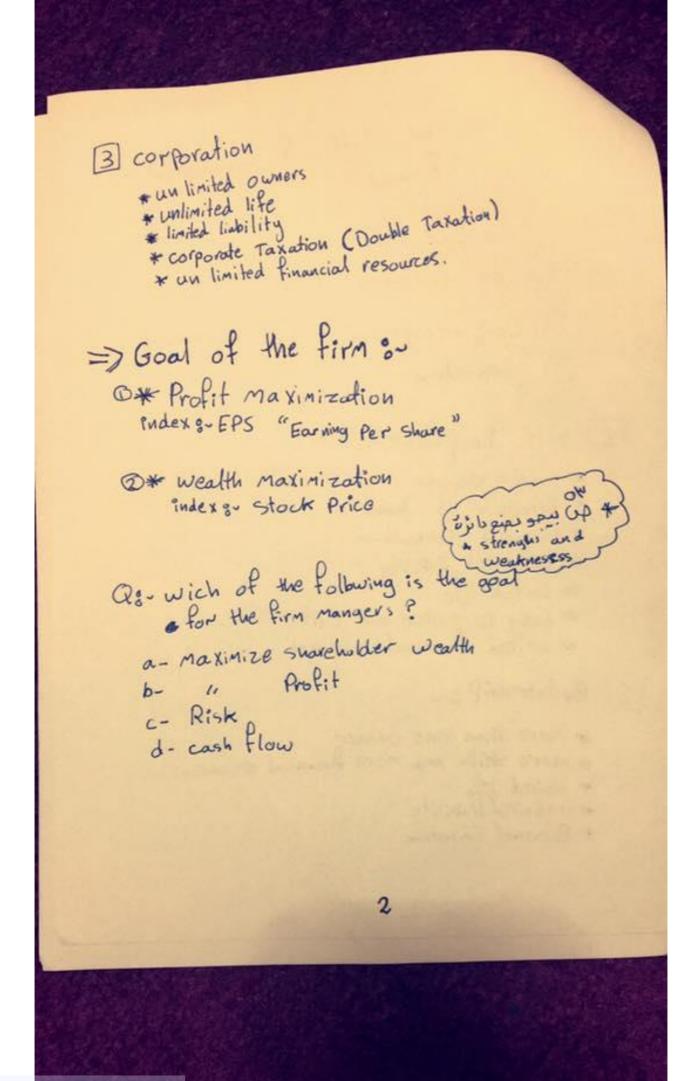
Ch 19- The Role of managerial Finance

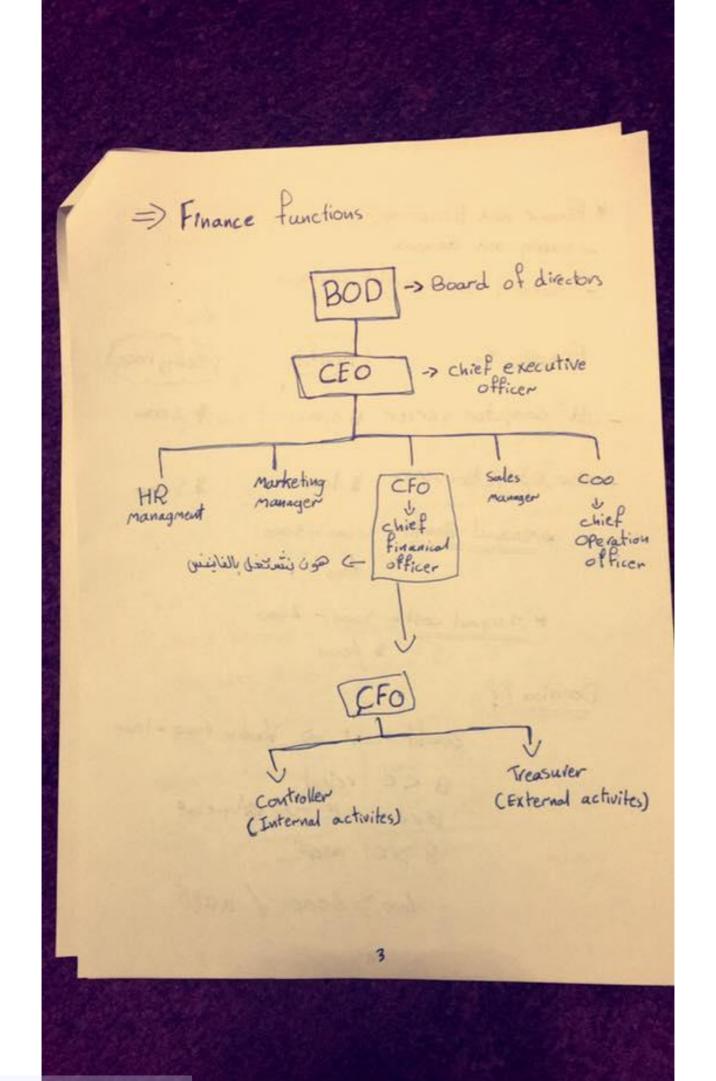
=> Types of Business organization Finance 30

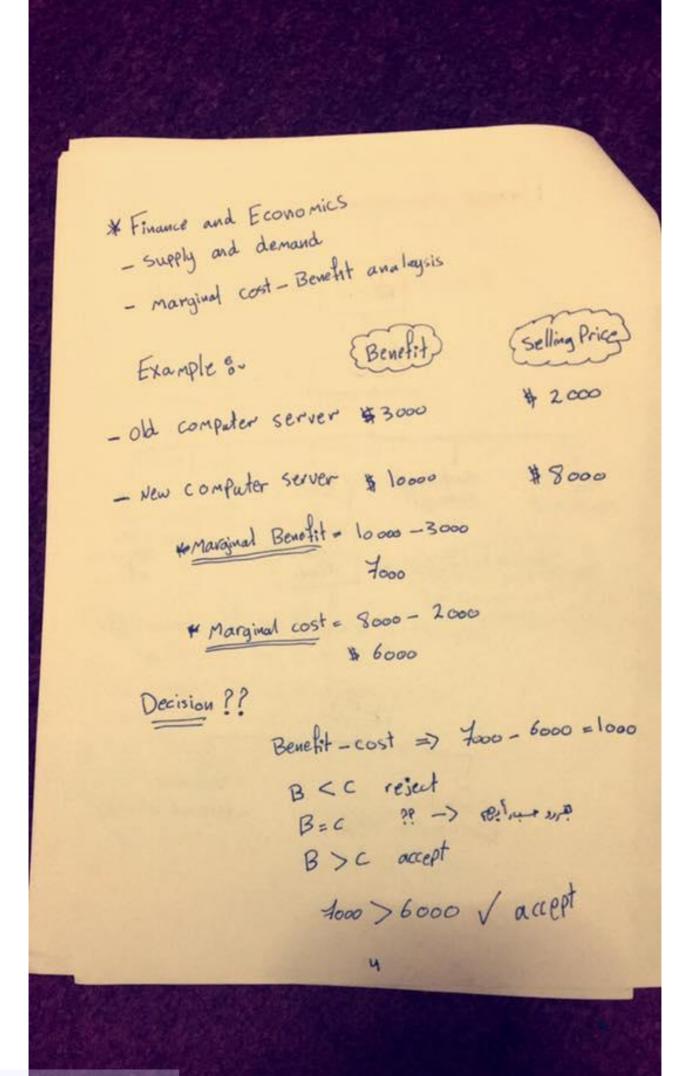
- 1 sole-Proploship (2) Partnership
- 3 corporation

I sole Proprietorship on

- * single Owner
- * freedom of choice
- * Personal Taxation
- * unlimited liability
- * limited life
- * Easy to enter and Exit
 * limited financial resources
- 2 Partnership o~
 - * more than one owner
 - * more skills and more financial resources
 - * limited life
 - * unlimited liability
 - * Personal Taxation







* Finance and Accounting Accrual Basis Cash Basis المح وكمة لتسجلها desicogh de col الشركة Historical Value اعاً بافدالاسة Market Price الفديمة للاشي دس ماد مراساره عام سه ۱۰۰۱ و صاری سنة ۱۰۰ دره 200 ماهد قيستها القديمة. (EX) 8. Sales Revenue = \$ 100 000 Parshase Product Price = 80 000 Accrual Basis & | cash Basis &cash inflow #0 sales 100000 cash outflow \$ 80 000 cost 80000 Net cash 20 000 80 000 Profit 5

1 corporate government % CUSINI ZES - Disclosure and Trasferancy الإفصاع - والعت بيان بس ما كان واجنع البح جور (بخط جغير أوغير مفهم أوسهد رعيرواضع) a) sluss -D accountability 8-- Compliance :- dimin 2 Individual Investor uslimi Institutional Investor alim 3 Principal - Agent (Problem manager Salary sincentines owner 3' stockholder Return: Ewl - offreciation stakes Price - Dividence a legist بدال ما اوزع جوافز ption محافظ معم بامل کو صهدر رو بعد ابعام فیار اوز پشتردا اسطم سهم بامل 一般なりとり Manager wolfie صا سع السوت يعبر المما يه باللم كة EX : \$ 3 Market conversions \$ 2,5 During 3 mouth وستدول سروم

@ take over تقليل من الراتب ---ر سالة لل ---الله يحدث بعد ذلا إمراً") 1.N.N.N.N.N. N. N. N. N. P1-1 Page 73 1) unlimited liability => 120 000 mislancia 2) unlimited liability => 60000 Partents ogplos of 3) limited liability => 50000 loss 50000

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P1-2

clegio 500 000

glip (- 350 000

) -> المرفع كماش المرفع كماش

1 Accrual Basis = sales - cost

= 500 000 -400 000

= 100 000

2) cash Basis = cashinflow - cash outflow

= 150000 - 400000

= 250000

= cash net flow

(3)

8

P1-3

- @ cash inflow 5,500+500=6000- cash outflow 1550+850+200+310=2910
 - @ net cash = cash inflow-cash outflow = 6000 - 2910

Net cash = 3090

- @ Invested 3090
- a outflow I we the 10

9

P1-4	
: مايل السودال على المسودال على الشركة بده نع المسودال	
cost	9 . [1]
تكلفة الذظام الجديد 250000 لا	لو علوالقدم والانكون الغائرة 125 000
والقدع راع نباع به محموظ ۴	غايدة الجديد ٥٥٥ 3 25
بهالع حق انجديد م 195 م	ا ذا السرد الحديد الإلكون الاسطم عندهم ا فعل
@ Pasu Decision ?? =	بنشوف ال الله و مم (
MB = Benefit of - Benefit new system old	t of system
= 325000 - 12500	0
= 200 000	
قدش الله ع - تكلفة الجديد = MC = بدباع	
5 250000 - 55000	
= \$ 195000	
10	

B > C reject

MB - MC = Net Benefit

200 000 - 195 000 = 5000

@ Yes, the new system is expeded to increase.

11

Ch 200 financial Market Environment OIndividual investors 2 Institutional investors e.g. Padice 20% Paltel *Types of Financial Institutions = = = = 1661 = 54 Est Depositor Institution plus so e.g: + commercial Bank & Soving and loon Association * Saving Bonk -> Indiduct lights accept deposit - + credit union -> induand light 2 contractual saving organization

12 contractual saving organization

13 contractual saving organization

13 contractual saving organization

13 contractual saving organization

14 contractual saving organization

13 contractual saving organization

14 contractual saving organization

14 contractual saving organization

14 contractual saving organization

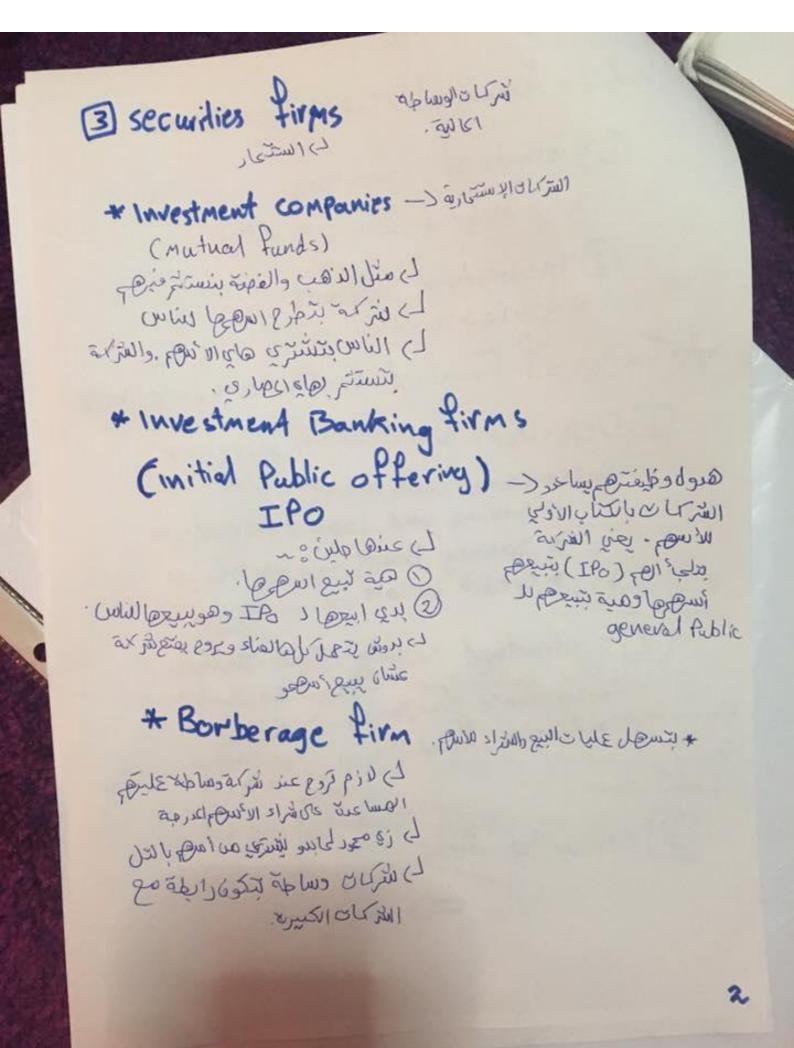
14 contractual saving organization

15 contractual saving organization

16 contractual saving organization

16 contractual saving organization

18 contractual saving organizat Financial institution + Pension Fund Financial Intermediories Financial Service ; line or in guerle cie se iplio (3 securites firms



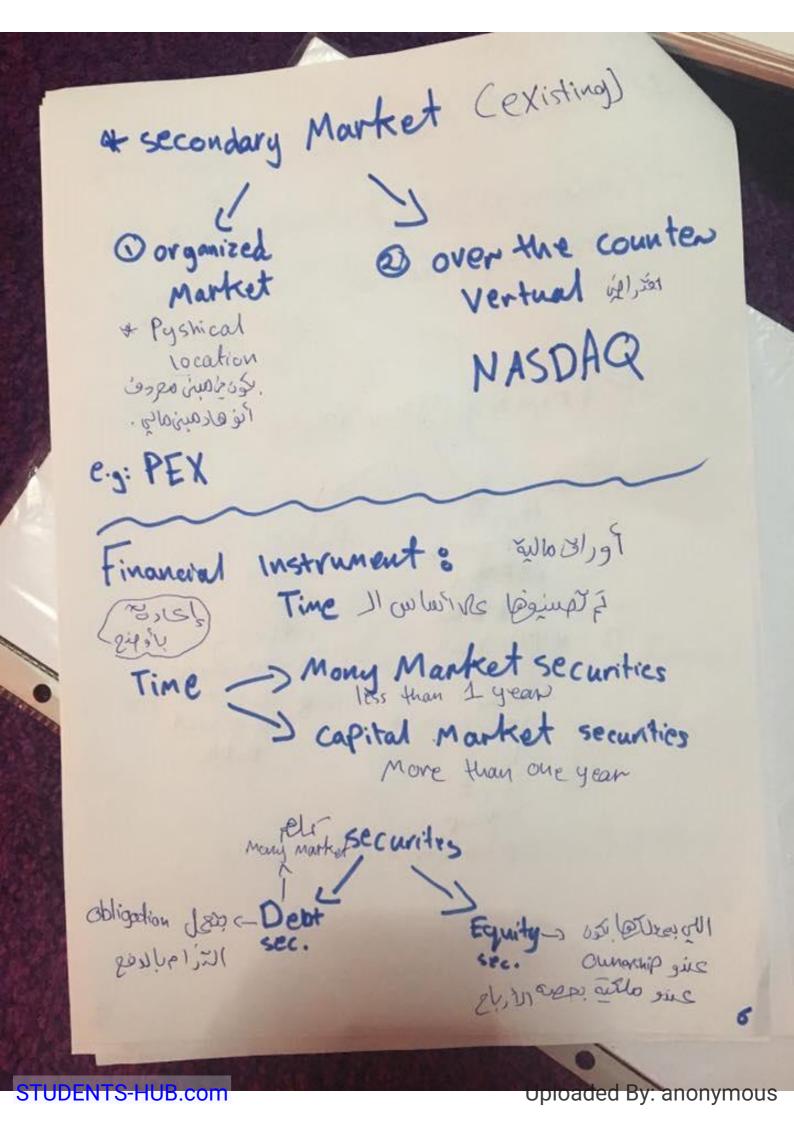
السركا دالتويلية Finance company مالية السركا دالتويلية e.g: finance firms with site * Mortage firms y, upo obs لعشاربع الريادية. لي منترك الرهن العقاري + Palestine Monetery authority. اللاطه الدقد عبهة رقابية على السوردال سلامية التهارية 4 Islanic and commercial Bank # Micro finance -> Siespan al olim of Palestine capital morch Authory. * Insurance company -> outilaction + leasing _ _ Medille Will * Mortge -> Evolution * Palestine exchange ownstap, or

* Financial Market securites Market on where financial service (stock & Bonds) short term securites (capital Market) non them one year (Mong Market) +mong Market & where short term securites (Markiteubly securites) * treasury bill & u.s tresury (Government)

* How risk to Low Return +commarcial Paper: (source of finance) ८) ज्यात्व कियाज्यानु हारा acorporation to less than one year & low Misty low Return & Negtiable certificales of deposit & commercial Bank & less than one year & low rists low Return

opioaded By: anonymous

* Financial Market. New issume. السوق الأولي (ته ١٧) - Primary Market
- Secondary Market بكون من الأساس موجود (Existing) Level * Primary (New Issumme) Private Pulalic GYOUP INVESTOR general all way Public 0 fferring * Placment issue new issued securities & New to general Securiters Public. for a Stisitic a goup of investors



eg Mony Market: PIJOI PS & C) OTVERSWY Bill Daily oferation 2) Negtiable of diffosite 3 commercial Pater V Capital Market : Bond stock
equity a X 29 - 24, * Business Tax :-

· Earnings Before Tax - Taxahijanisis Taxable Income Taxlability Longin come

· Income

Lordenary income الدعة اله جال مناهله التشعنيلية. *Capital Gain. Oferational activities.

Busines Taxes Alwhest Income 4 Intrest exp Tax Tax وجوده بخف کاللزمریم الله عليه . ملادد الله Tax Deductible or Dividords Paid & P/s Dividends Ordinary Income (operation) Revenue Marie paiclaines alimil 131 () راع برجيرها مذبيع هاد الالمنيوع. * Capital Gain 1251 50000 + 100m gired it 60% Cich JULENIO OUD LATINI REVENUE 11 150000 + Uploaded By: anonymous EBT Taxable Income Base Tax INCOM TOLX 30 000 Marginal Tax expense (15% X3000) = 4500 Tax rate = Tax BAPONSE = 4500 = 15% Taxable wang 30000 FBT = 250000 Base Tax 22250 + (391/X (50000) Tax expense = 22250+580500 = 80 750 Tax Rate = Tax exp = 80760 = 32,3% Incore 250000

Income aftertax= 250000 - 80750 169250 Taxable income ?? 5% exclusion الحفاد 250 000 X 51 = 12500 259000-12500= 234500 La dinger Bren

ch 38 - Financial Statments and Matio analysis

Financial statments &

- * Income statment -> Performance
- or Balance sheet statements -> financial Position
- * cash flow statment -> Earning quality
- * Owner's equity

Sales (Revenues) 20 000 (Zip) is 1 1955 or C.G.S cost of good 15000

gross Profit 5000

less: total operating exp. 1600

Operating Profit 3,400
(Earning before intest
and Tax)

1855: Intrest Exp 1000

Earning before Tax 2400

Earning before Tax 2400 1855: Tax expense (40%) (960)-> (2400 X40%) Earning After 1440 less: Prefford Stock (500) divided 940 Earning Available for common stock. * Operating Expense " ~ Outilités expense 3 salaries and wages 3 Rent expense. 9 Insurance exp. 6 Mark eting expense. 1 selling exp. 1) Dep. exp (B) over head exp.

Profit Maximaization Index: EPS

EPS = Earning Available for common stock
of outstanding

EPS = 940 100 -> Lipe 150. EPS = 9,40/Share

- 1 No dividus cuiplo Retained Farnings #940
- 3 Dividends \$5/cs in Con-Eist & M. 100 XS = 500 (-) Pro R.E 440

Dividends = Dividend = Paid # of share

(OPS) = 500 = \$ 5 /share

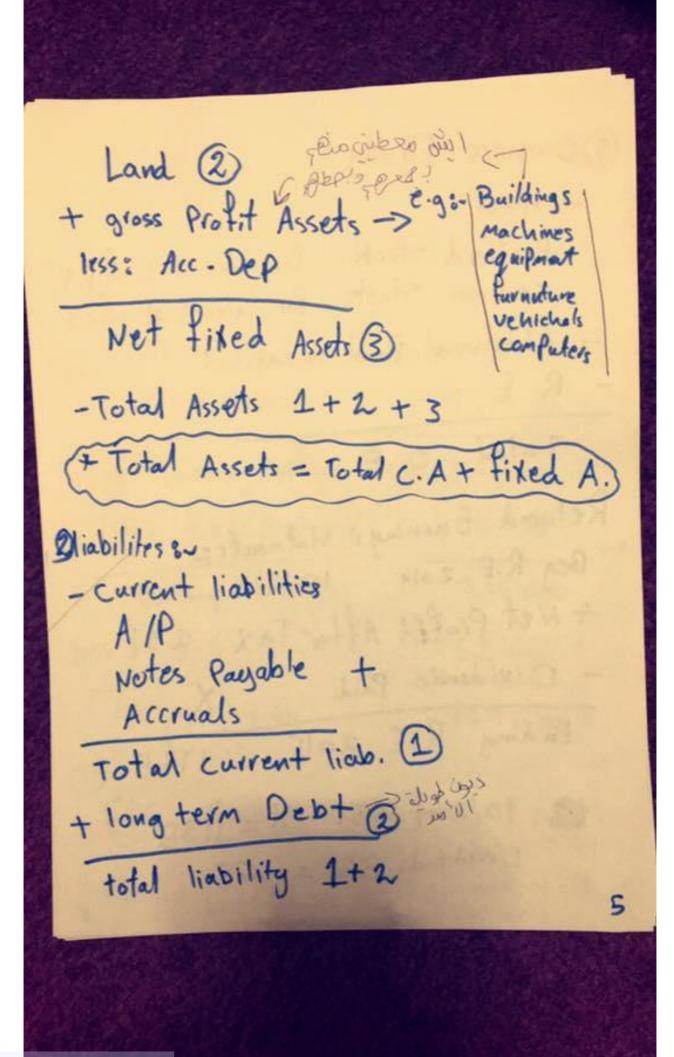
@ Balance Sheet Statment 2

Assets = liabilites + owners Equity
User wild on invited on the second

- 1 Assets 9-
 - current Assets

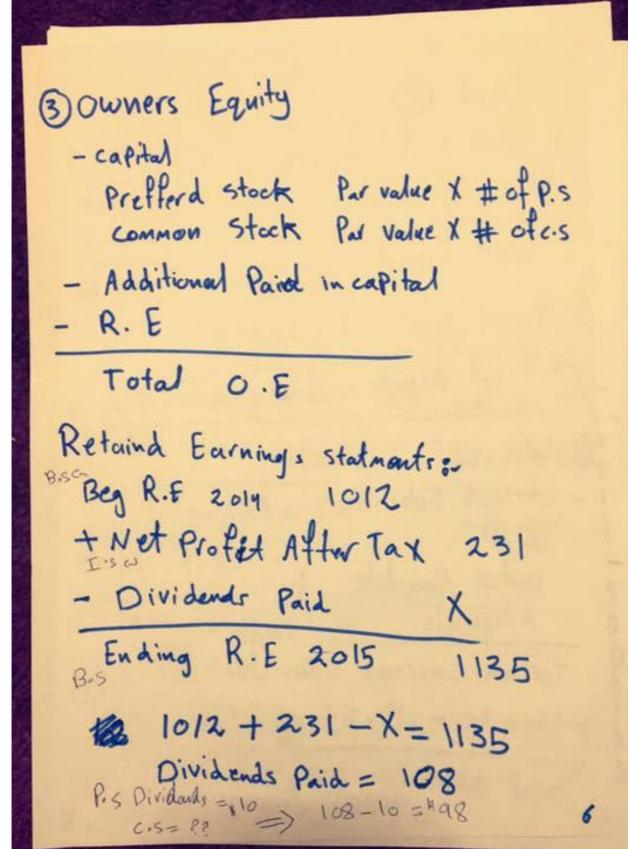
 cash and cash equivilant
- + Accout Rec.
- + Marketable Securites > Tails colonists
- + Inventory

Total current Assets 1

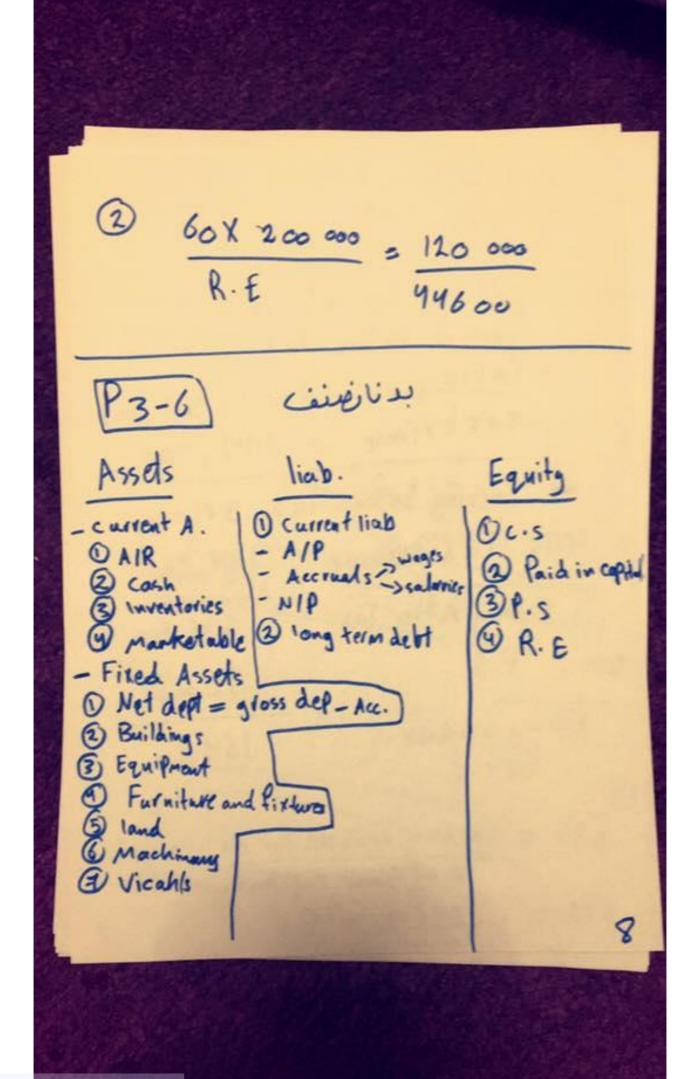


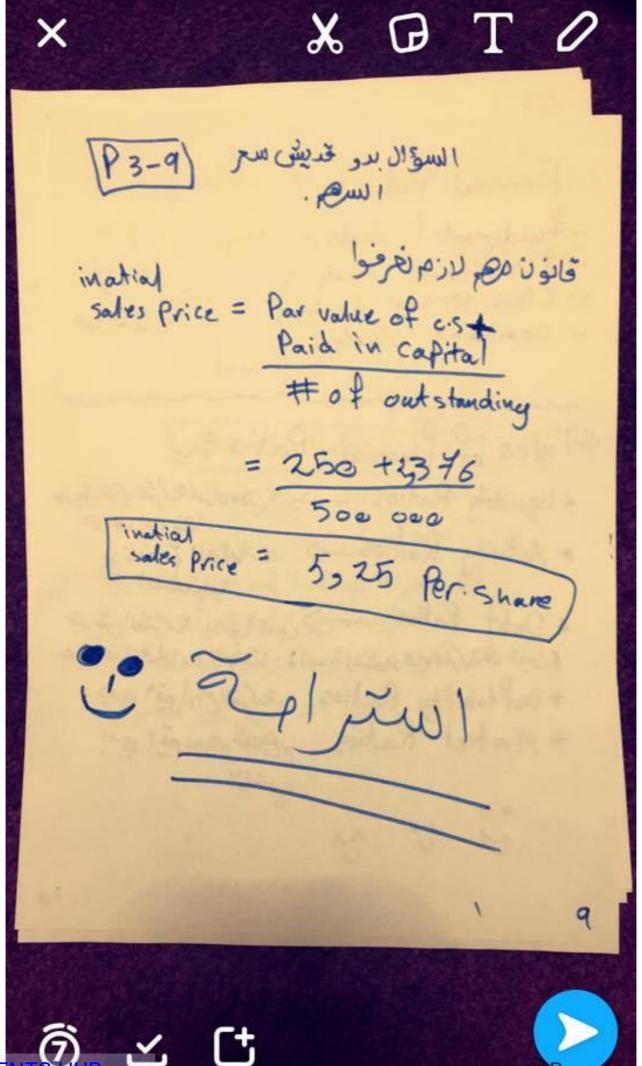
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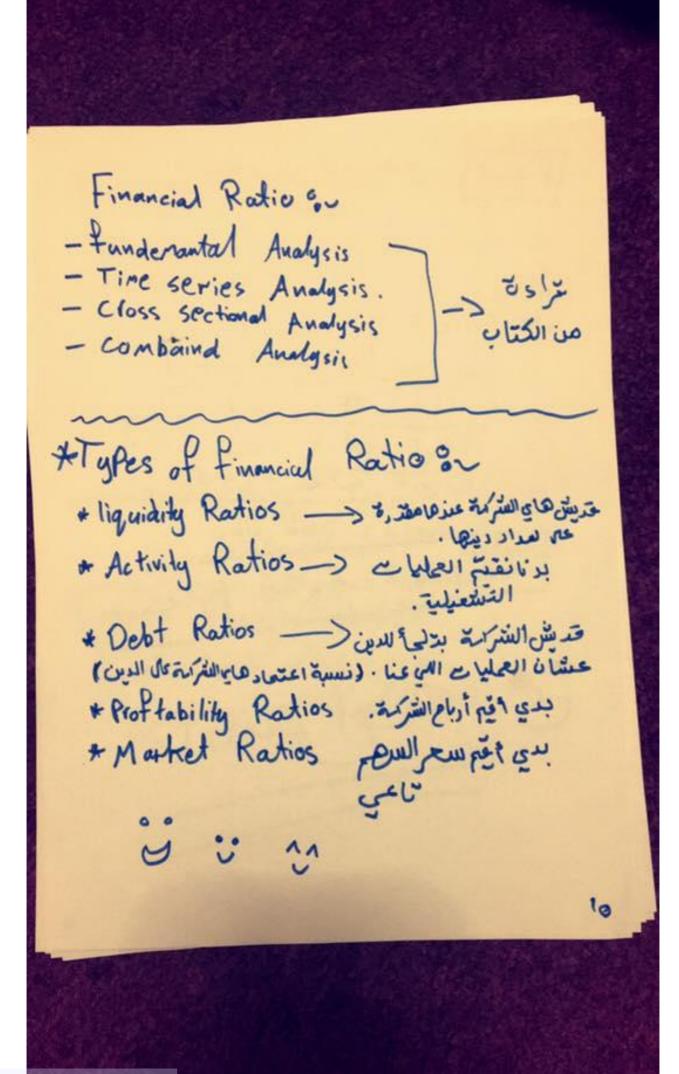
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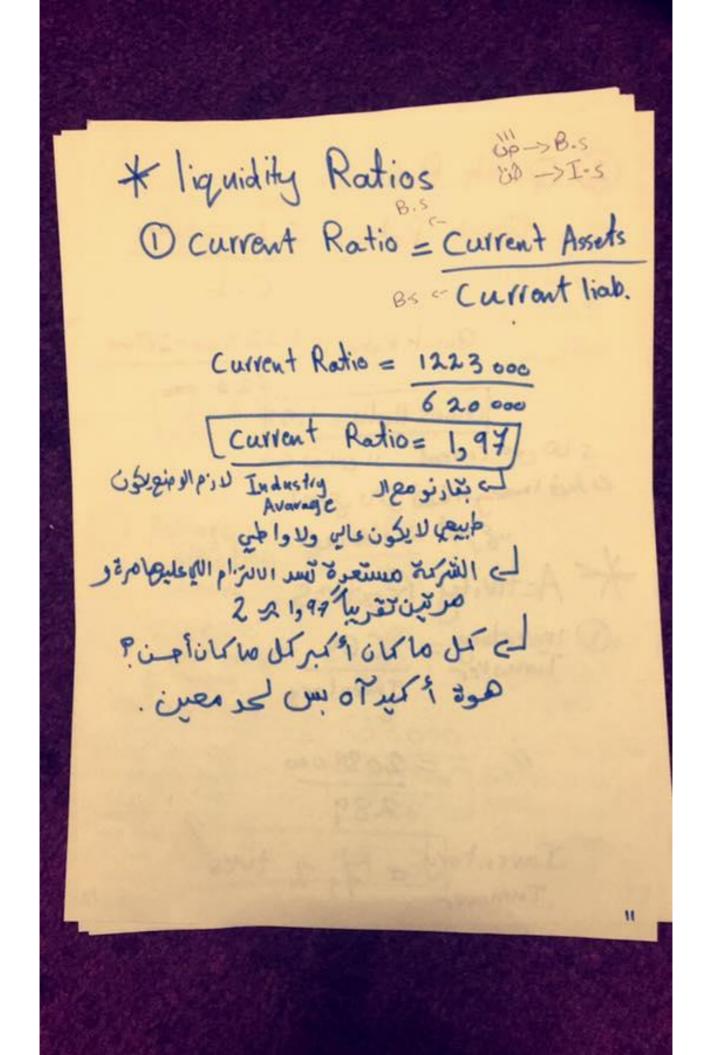


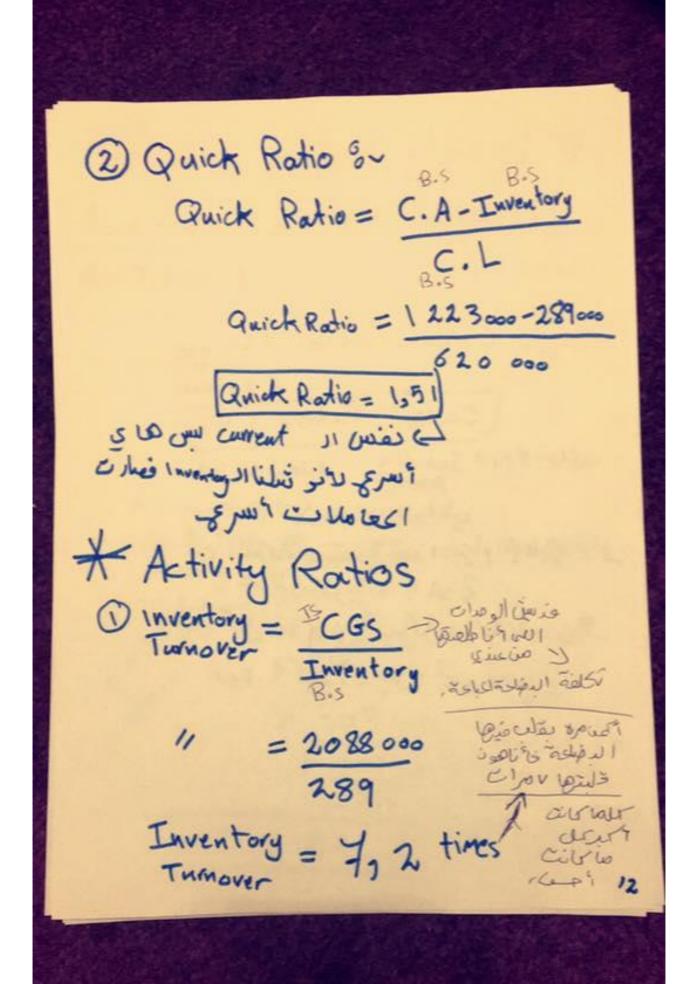
P 146 P3-5 361 000 -> Net Profit C Earning Before Tax + Tax expense = (40% x 361 000) Taxexpense = 144,400 - Farning before Tax 361000 144, 400 less: Tax expense Earning After Tax 216 600 less: P.S 52000 Earning available 164600 for c.s EPS = Earning available for c.s priming to suffrage 1 EPS = 164600 = \$ 82 7

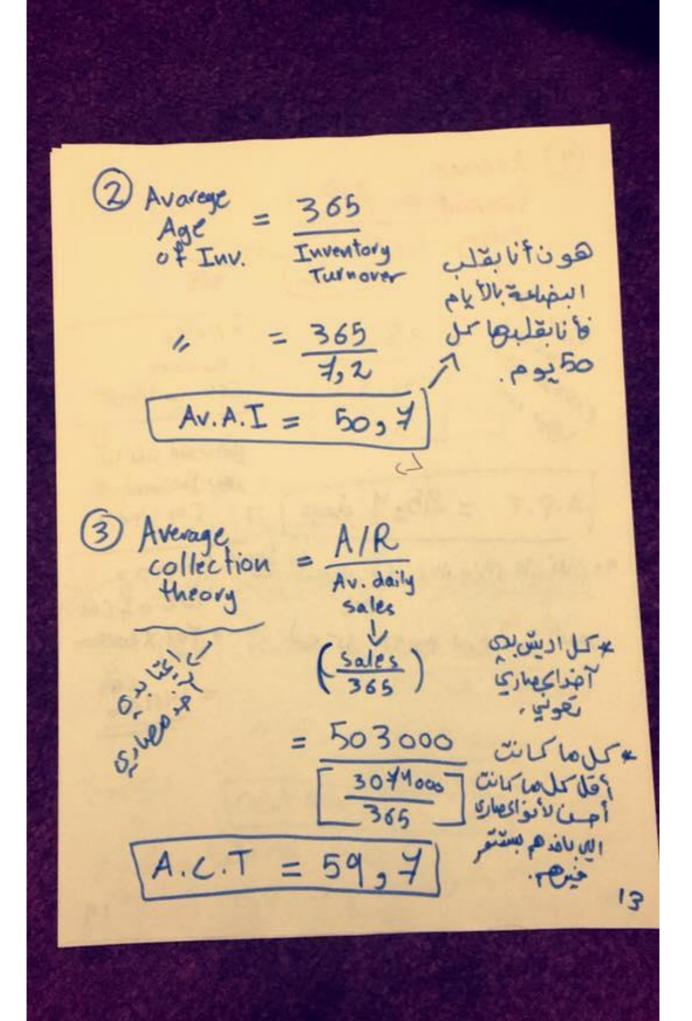


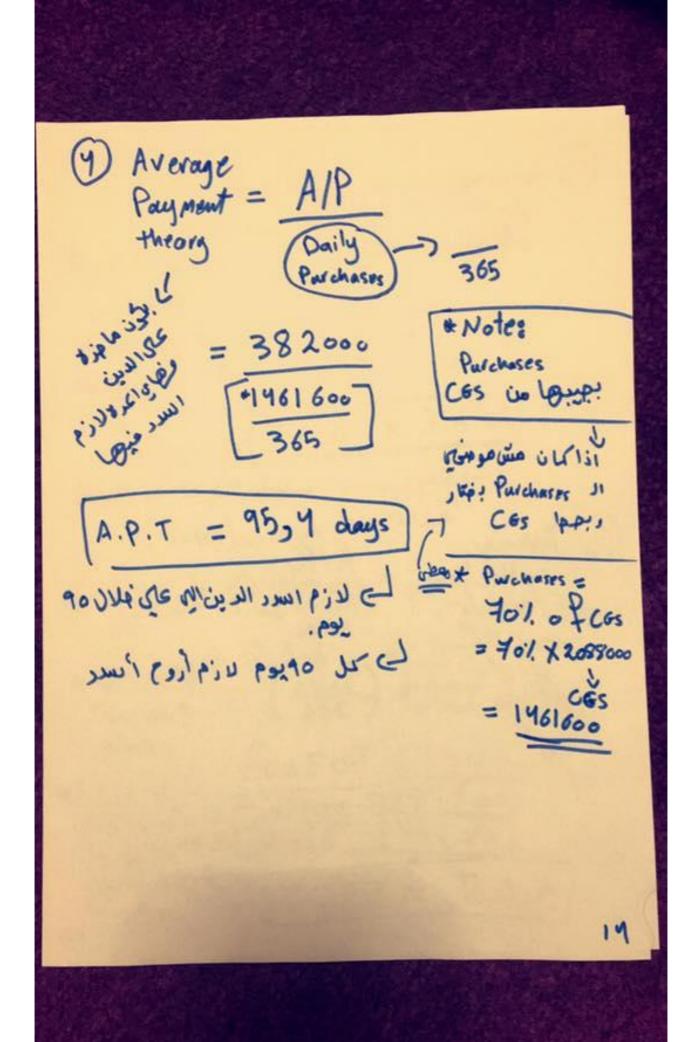












) Total Assets = sales turnover Total Arrets = 3074000 3394000 Total Assets = 0,85 Times turnover کی متریش کفاء لا استخلال السر که لا مم (sales) عرب العبد (sales) * Debt Ratios aviol discourse 1) Debt Ratio = Total liabilities Total Assets = 1643000 Debt Ratio = 45, 4% Certicalopa (2001) Assets = liabilities + C.E 45,7 + [-> OFFEIS 1100 54,3% 15

1 Debt to Equity = Total liab
Ratio = Total liab = 1643000 Debt to Equity = 93, 71 لى اديش انا بعتمد كال والما ومساح الع محتمان المجولها Total Arrets) 3) Time intrest = EBIT

earned = EBIT

ratios = Is Intrestory (s Intrest exp = 418000 93,000 Time lutrest = 4,49 Carned ratios كىعنى مقدرة مالية كاك سداد الدين الله عال عمانى

16

* Profitability Ratios Revenue 30000 1/100 - CGS 20000 1.66,6-> 20000 gross Profit 10 000 1.33,3 -> 10000 - Total operating 5000 % 16,15 -> 5000 EBIT 5000 1/16,15 - Intest EXP. 1000 1. 3920 4000 1.13,3 \$ EBT -Tax exp (40% x 4000) %3,3 1600 Net Income 2400 1/8 17

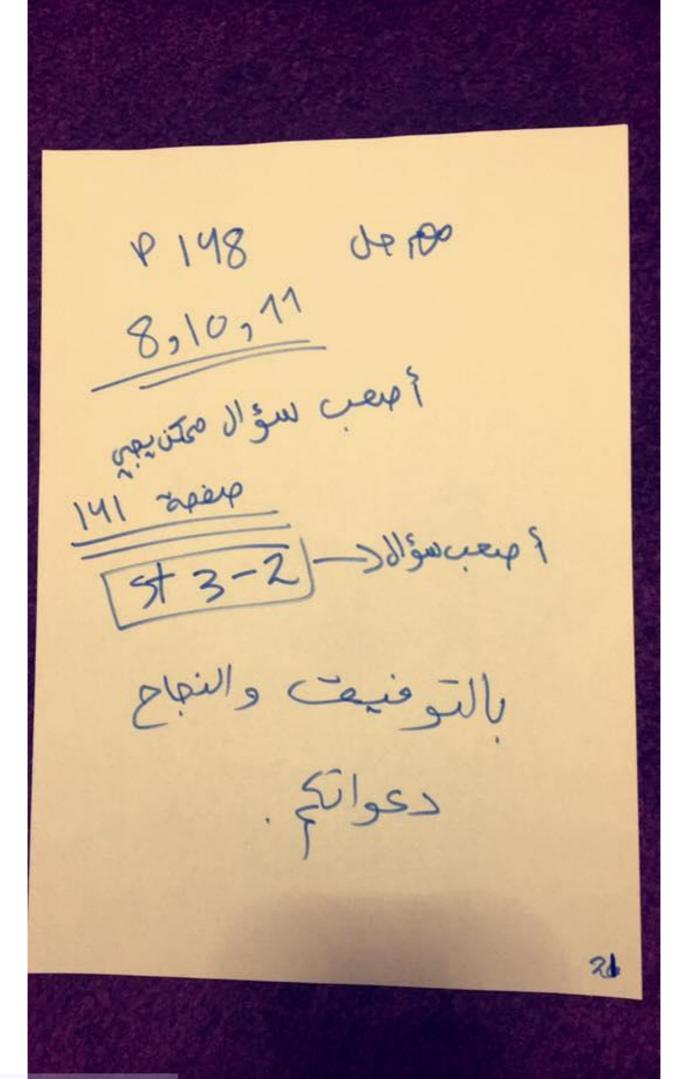
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Profitability Radios 1 gross Profit Margin = gross Profit gioss Profit = 1/33,3 Margin @ operating Profit = operating Profit (EBIT) margin Sales = 5000 Operating = 1/ 16, 15 Profit mangin 3) Net Profit = NI Sales malgin = 1400 = 1/8

* EPS = Earning Available for c.s # of out standing * ROA = Earnings available for commen stock Return on or Assets total Assets (ROI) = 22/000 3597000 ROA = 6,1 % A ROE = Earning available for c/s c/s equity = 221000 = 12,6% 754000

*Market Routios , semilaris vier 1) P/E = Market Price dees EPS $=\frac{32,25}{200}=\frac{11,12}{\text{Times}}$ 290 2) Market Book Ratio = market Price Book value Pershare => Book value = C/s equity
Pershave ____ = \$23 # of outstanding 3225 market Book = 1,40 20 8



17/1			1	
ch 48	~ Cas	h and Financia Planning.	J	3
		Planning.		
			[43]	
Dep	reciation	مصرو <i>ت</i> د۔ ۱ ستھلالد	[OP]	6
Oe.	P - c.c	the thing c	osts (The)	7
Va	lue = Cos	st+Instalation c	7 4.25	
	= 4000	·+ (5000 - 45	000	
	= 1 45		بيجي باعز	
* Insta	lled co-	t 40000 -	هوة بعطينا ح	
recov	ery the P	riod syear _	> " "	
Annu	ear Dep.	t 40 000 - riod s year _ exp ??	این این	
year	<u>x</u> =	ر المحمد المعادد	Dep. exp	
1	20%	Table is 40 000	8000	
2	32%	40 000	12,1800	
3	19%	40 000	7600	
ч	12.4	40 000	4800	
5	12.7	40000	4800	
6	5%	40000	2000	
100000				1 5
				and the

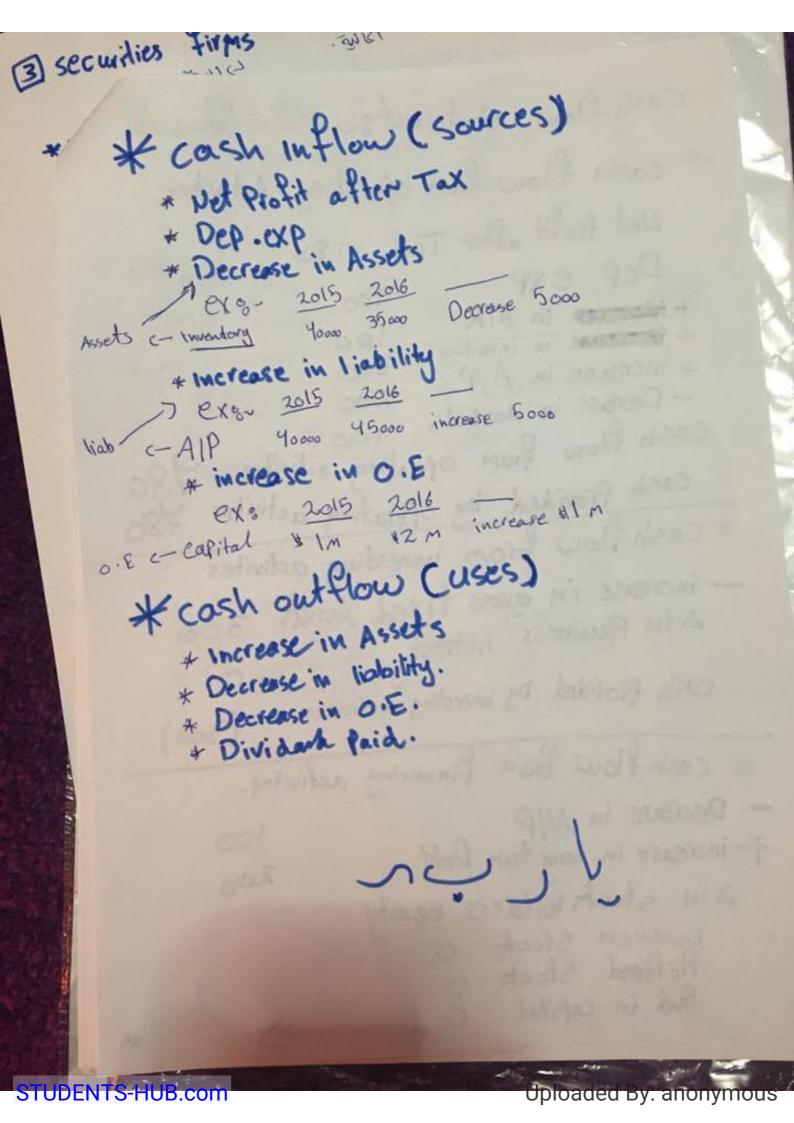
* cash flow statment cash autflow (uses) cash inflow (sources) 4 to Prepare CF Statment 2016 8"we need" 2016 1 income statment 2 Bahance sheet 2016 cash flow statments al puisi * cash flow from operating activities.

* cash flow from Investing activities.

* cash flow from financing activities.

* wet cash flow. * cash inflow (sources) * Net Profit

opioaded by, anonymous



Cash flow statments 17 + 69 + 68 * cash flow from operating Activities Net Profit after Tax Dep. exp 100 + Decrease in AIR 100 + Decrease in inventory 300 + increase in A/P 200 - Decrose in Accruals 100 cash flow from operating activities 780 cash Provided by operating activities 480 * cash flow from investing activities - increase in gross fixed Assets 300 COSh Provided by investing activities. (300) * cosh flow from financing activities. 100 - Declare in NIP + increase in long term Dobt 200 Din stack holders equity Common Stack O Aefford Stock O Paid in capital G

Dividents Paid -> Beg + MPAT - dividends = End P.E 500+180 - dividads = 600 aividands = \$80) Dividends Paid cash Provided by financing activites 200 180-300+20=500 cash flow = 500. ا ستر مه معیره.

ال لاخيم مني ا Cash flow Statment go * cash flow from operating activities Net Profit after Tax (NI) -> Is DEP. EXP > IS A inventory · cash flow from ofreating actimites A total gross fixed assets cash Provided by investing activities * cash flow from financing activities Din N/P Din long term Debt A in stock holders equity COMMON Stock Paid in Capital 3 (Beg + NPAT-Divided = Eng RE) Refferd Stock * Divideds Paid · cash Provided from financing activities بعدين بدعه و بنظرع عب الاشارات

Budget:~ less or total cash Disbursent Net cash flow + Beging cash Balance less: minimum cash return (Required financing) بحاجة لمؤيل فالامن كان (excess) vill 6ps le crego 01 gl 6 l/ 1; 1-4 (Required) dissitables who ciff (1/1) &

Budget & Sep Nov sales 1 100 000 6 cash (20%) > 40000 8000 40000 150 000 200000 120000 30 000 320 210 340 total cash receipts sales 11 US to polition graphy forch +

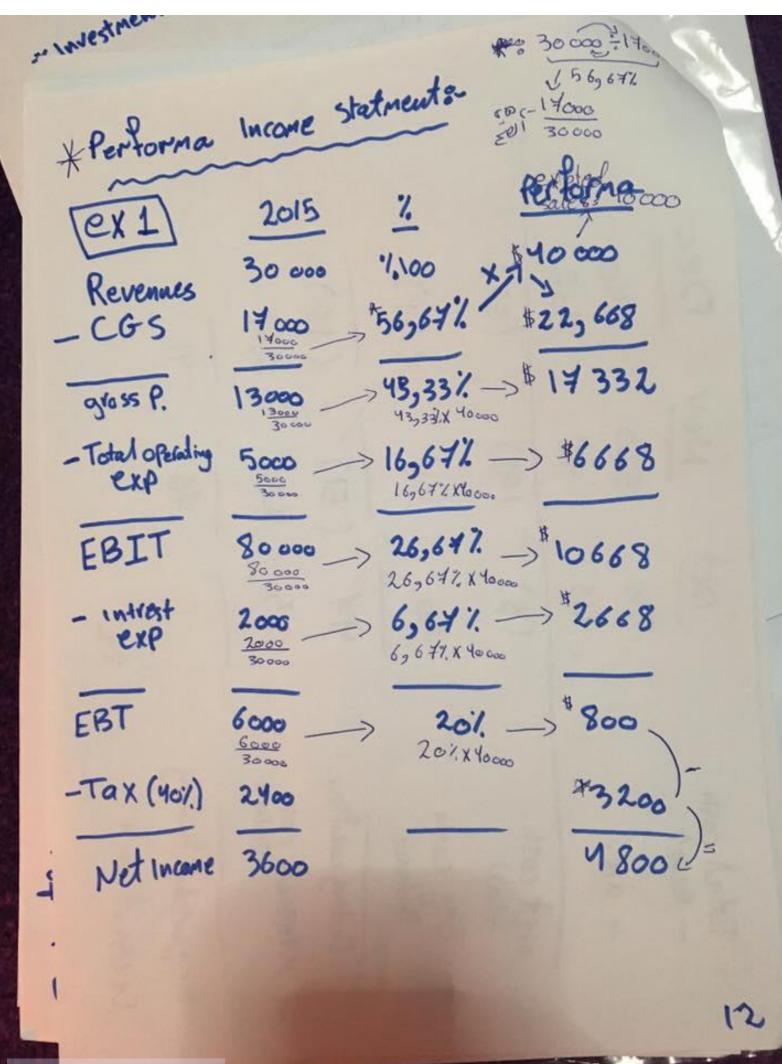
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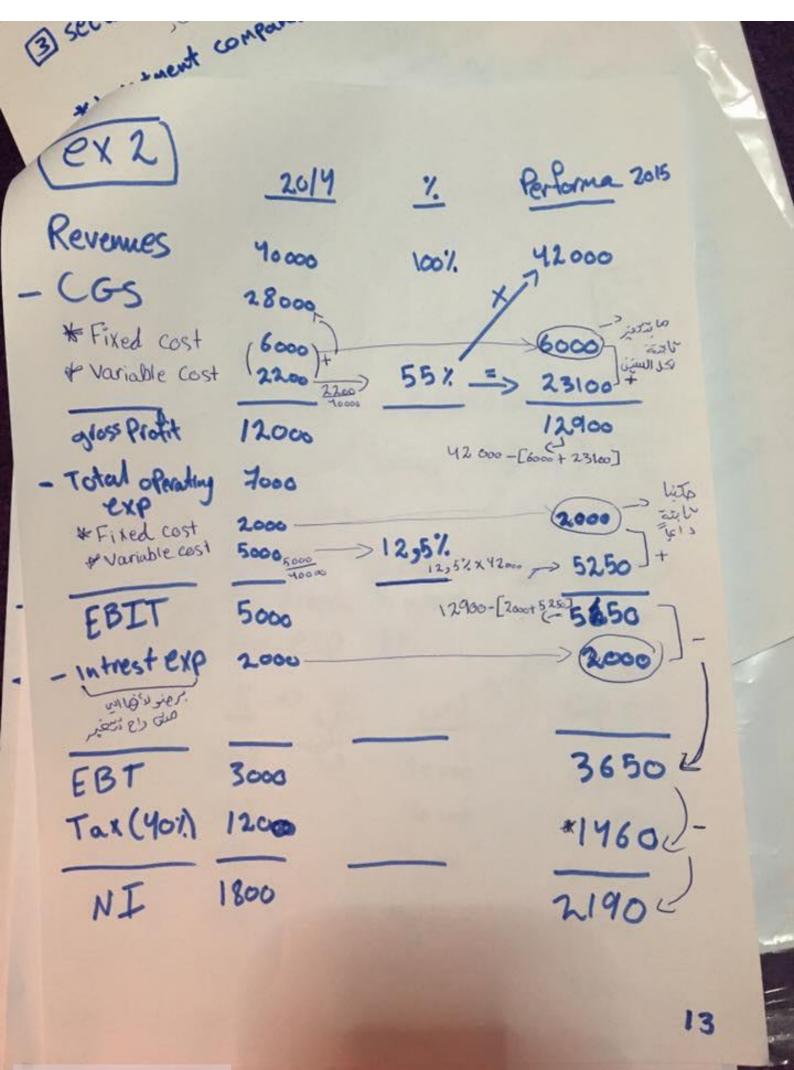
	Angest	sep	oct	Nov	Dec	3 50°
Total cash receipt			210	320	340	SECMO
Purchases (40% of sales)	70 000	140000	28000	210000	140000	At Companies
cash 10% +	7000	14000	28000	21000	14000	awies
AIR /	*/	49000	98000	196000	147000	
- after 1 (40%)		-	>14000	280000	56000	
- after 2 (2011) Rent Payment	8 000	+ (Sales 1/10)	1	5000	28000	
wages and same				130000	25 000	
Fixed asset content-		63.000	2000	Uldray	-10 000 -10000	2.1
Principle Payment Total cash dislow	sement 7000	63000			100	
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Total cash - recent	oct	Nov	Dec	1
- recent	210	320	340	
- dis.	213	418	305	
Net cash flow	(3)	(98)	(35)	
+ Beg cash Balance	50	44	(51)	
Ending conflow	44	(51)	(16)	
- Minimum cash Balmee	25	25	25	
Required financing		46	41	
Edeess of cash	22			

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the Future value of single amount.

Safter 2 years linthe coming year / will

وج کائی ایم اعبلغ بعد ع سنوات کے قدیش بدر پمپیر اعبلغ بعد ع سنوات

ملينانزكرانو 4 هون ع<u>سليا</u>

FV= PV X(i+1)

Present value intrest rate few Period

= *100 X (1+0,04)4

FV= \$116.9

PP FV=PV GO*

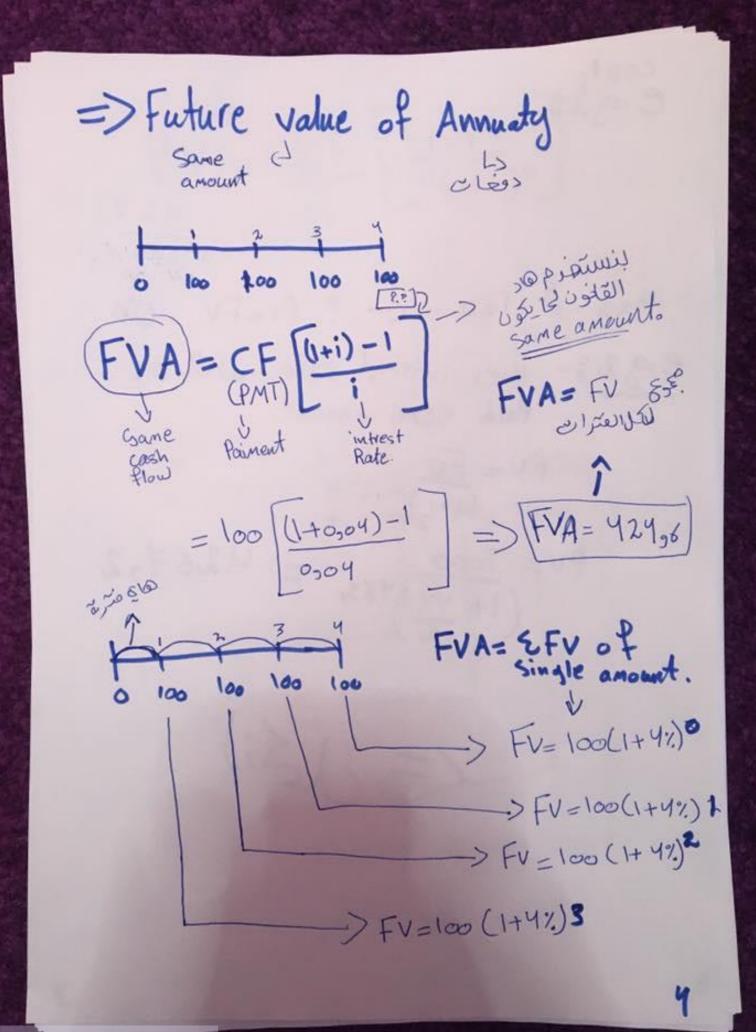
O FV=PV(1+0)"

FV=PVX1

@ Fv=Pv(1+1m)°
Fv=Pvx(1)

the intrest rate will be Paid Semi annual. FV=PV(1+ 1) " = 100 (1+ 41/) 4x2 = 100 (1+ 27) 8 0,02 * Present value of single a mount of single a mo e.92:0 1 2 3 اديق المبلح الله لازم يكون معي عثما بالمستتبل يمير مع ٥٥٥٥ ١ PV= 1 (1+i) X FV => FV

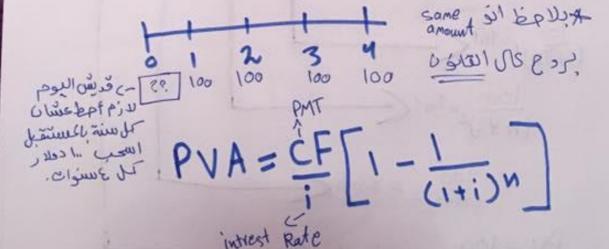
cont. e.91:- PV=FV = 5000 7 P.V (Iti)M = 5000 = 42 44,02 (1+0,04)4 = 42 44,02 Fr 000 N=0 0 1 1=0 (- ? PV=FV 000 e.g.2% - thei intrest rate will be Paid Semi annual. PV = FV | 1+1 | 1 x 2 (1+ 41/2) 4x2 = 4267,2 (= USi)



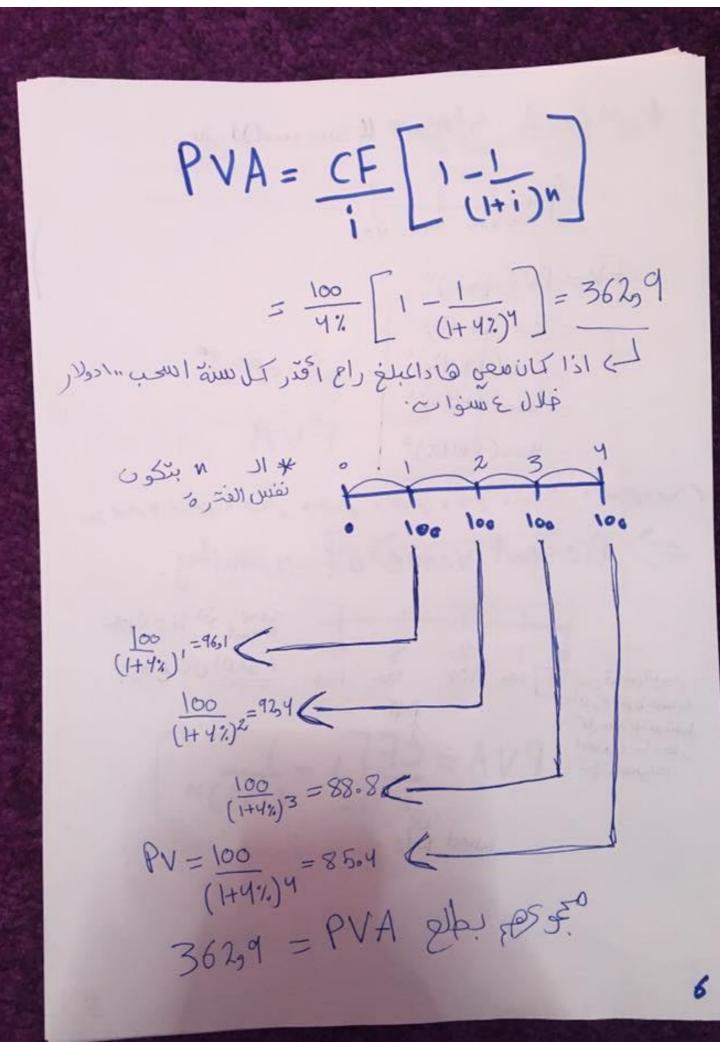


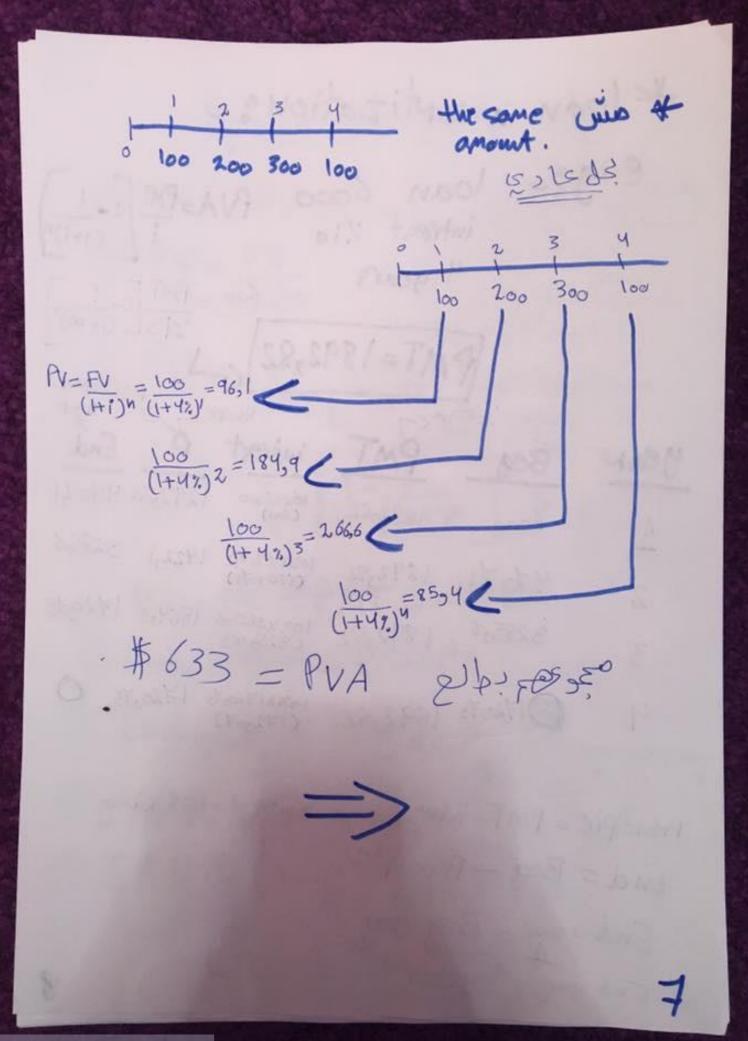
EVA

=> Present value of annuity.

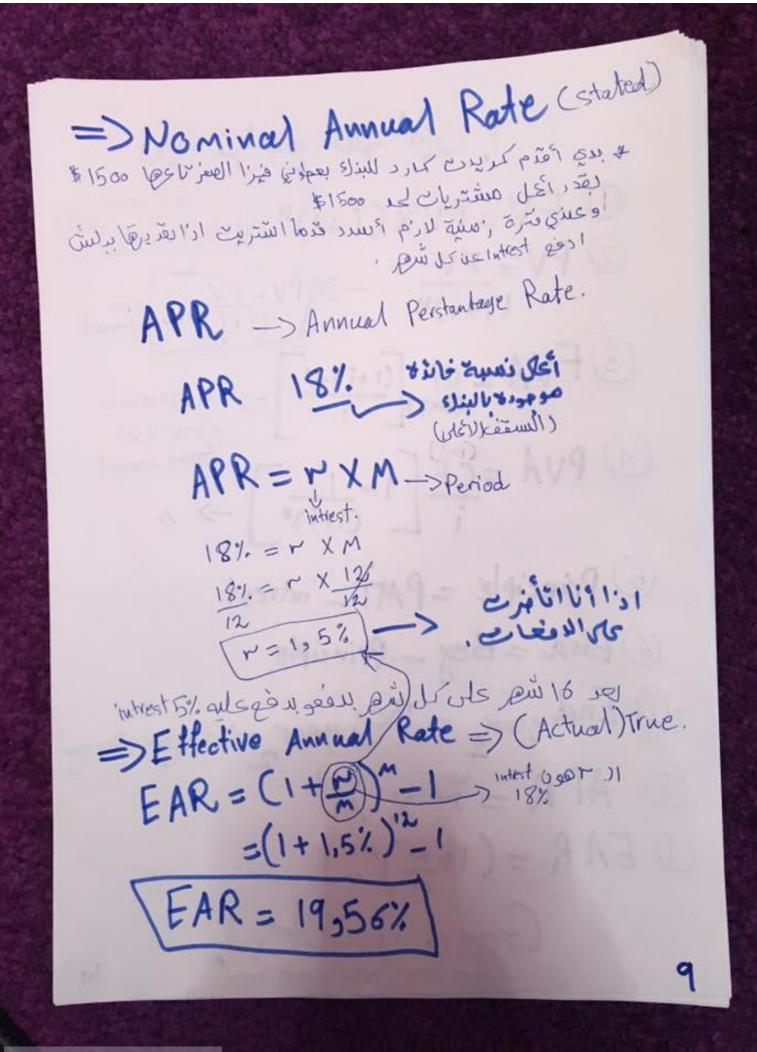


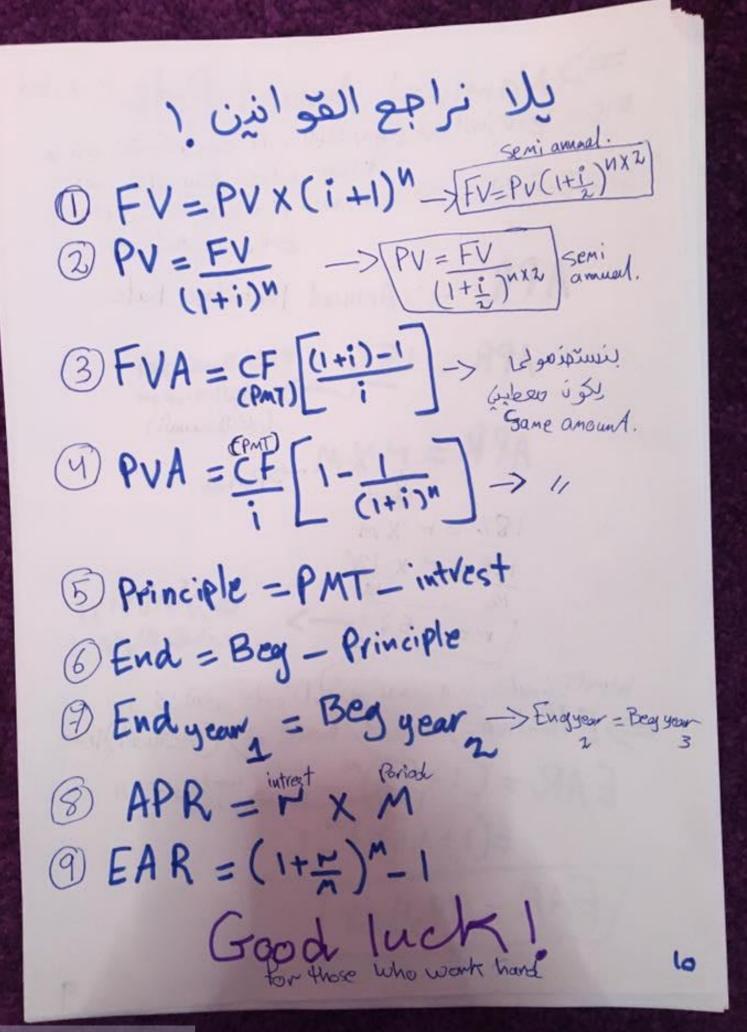
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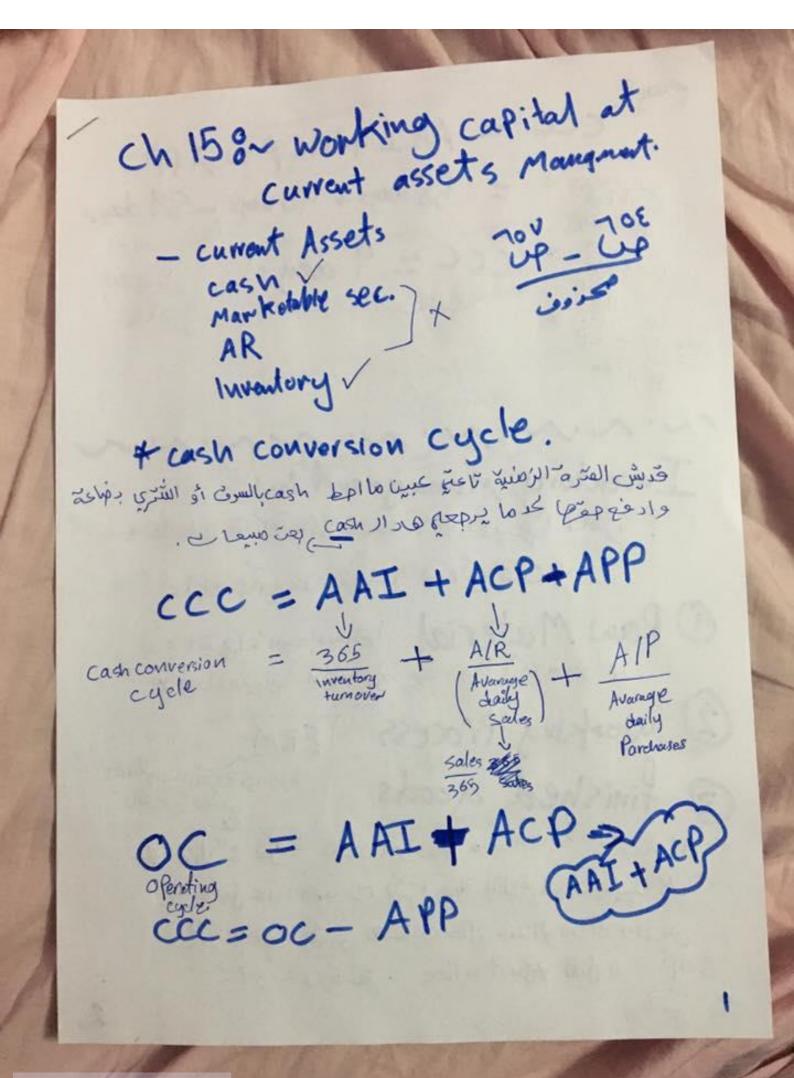


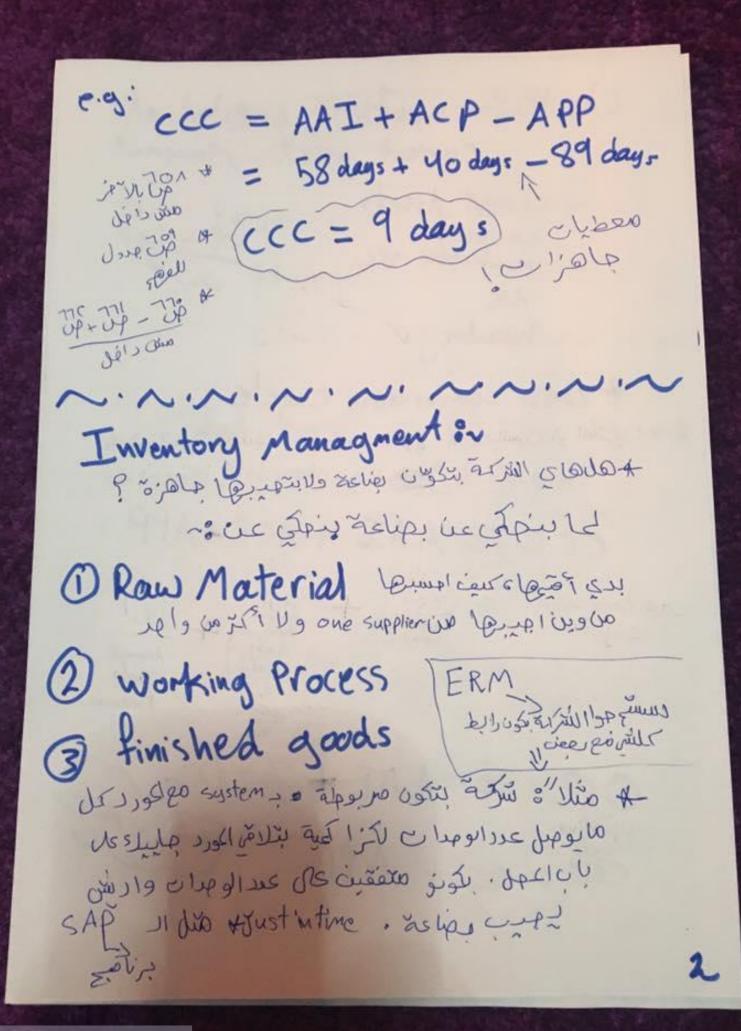


* loan amortizations u PVA=PMT loan 6000 intrest 1.10 4 years 600 = PMT [1-1 %10 [1-1+10])4 PMT=1892,82 الماستعارا Principle Cy intrest PMT 1292,82 47031 (600) 1892,82 6000 3285,6 14223 10°6×475731 470751 1892,82 (170971) (328,56) (564,3 1720,75 3285,6 1892,82 10%x1420,45 1720,75 1720975 4 1892,82 (172go7) Principle = PMT-intrest xintrest = 10% x bear End = Beg - Principle Endyean = Beg year End your = Beg year

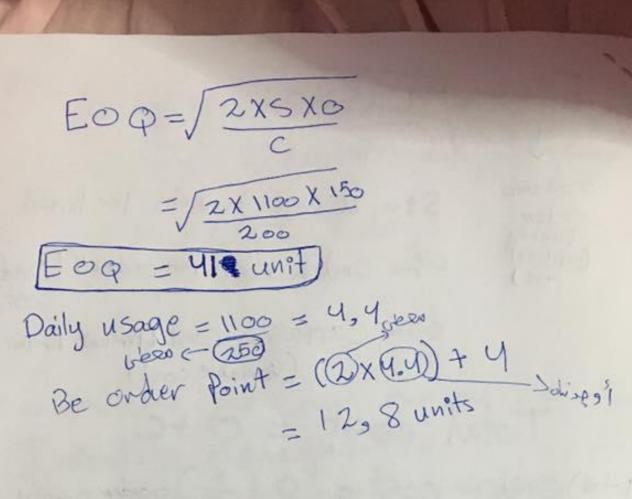








EOQ = \2xxxo 5: - Usage in units Per Period Economic order Quality 0:- Orden cost / Per order (Fixed Coptinet size) c:~ Carrying Cost (Per unit Per Period)
(Variable cost) Total cost = 0+C (Total) Order cost = 0 () sorder quality in unit (total) carrying cost = c x(Q) المشرة الرفاية (2xs xo) عبديا ما يوبيل ما يوبيل عبد البطاعة () Pashaul Be order Point = (Days of X Daily) + safety "
Lead time usage) + safety JP exam cost = 1500 units Per year order 150 *150 days Per carry cost = 200 Find EOQ!



Remember that good luck comes to those who work Hard.