Last Jear Exam: Project Hanggment Ü

. Exercise 01:

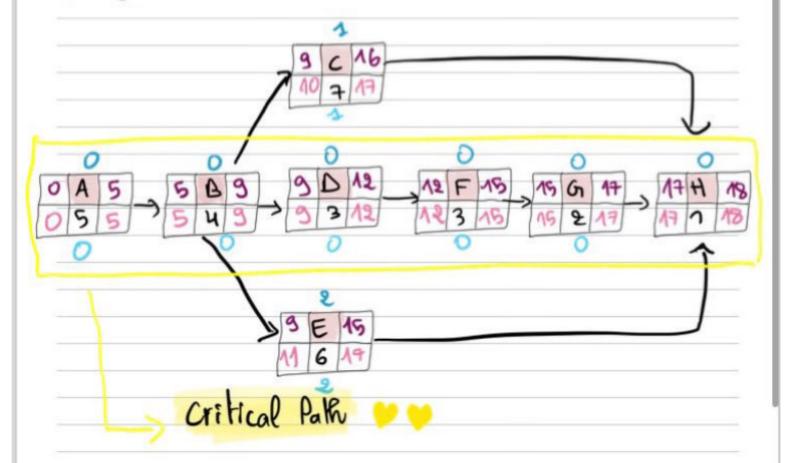
O: PERT Chart:

Task	Predecenon	Duration	Template:
ABJOWEST	140000 E.S.	5 4 A 3 6 3 2 A	ES TOUR EF LS Dur LF FF
—	9 C 16 40 7 47 40 7 47 40 3 42 40 3 42 40 6 49		15 6 17 17 17 19 19 19 19 19 19 19 19 19 19 19 19 19

2 - Gitical path: for each tout we need to compute

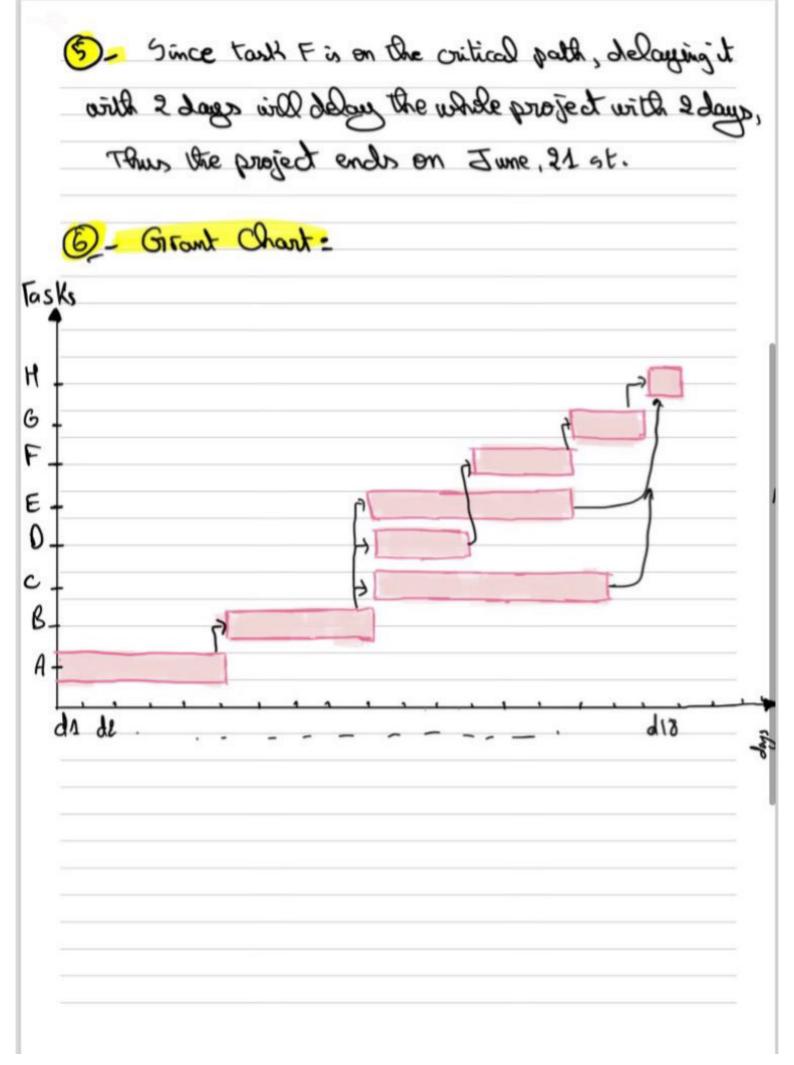
(FF) Free Float: ES of successor _ EF

(TF) Total Float: LF_EF



3- 28 the project starts on June 2, and it takes
18 days, it will end on June 19th

W- If tank C takes a days instead of 7 days, the whole project will be delayed, this affects the whole project since for tank C, TF=1 L2 where 2=9.7



7: Cost Estimation of each task.

Tark	Priedecerron	Duration	Cost/day (8)	Task cost ()
A	-	5	400×2 = 800/	800 KT = 4000
B	Α	y	500 K1 + 400K1- 900	900 K 4 = 3600
C	Ø.	7	300 K3 = 900	200 x 7 = 6300
0	В	3	350x 4= 350	350 x 3 = 1050
E	B	6	450 x2 = 900	900 ×6 = 5400
F	0	3	550 x1 = 550	550 x 3 = 1650
G	F	2	550 K1 = 550	550 x 2 = 1100
H	CIE, G	1	600 K1 + 500 X 1+300 K1 = 1400	1400 X1 = 1400
	_			

Total cost = 25000 \$

. Exercise D2 =

Ost	Answer	6	@
0	(b)	(7)	(B)
@	@	B	
3	0	8	0
O	(b)	9	(b)
6	b	(6)	(A)