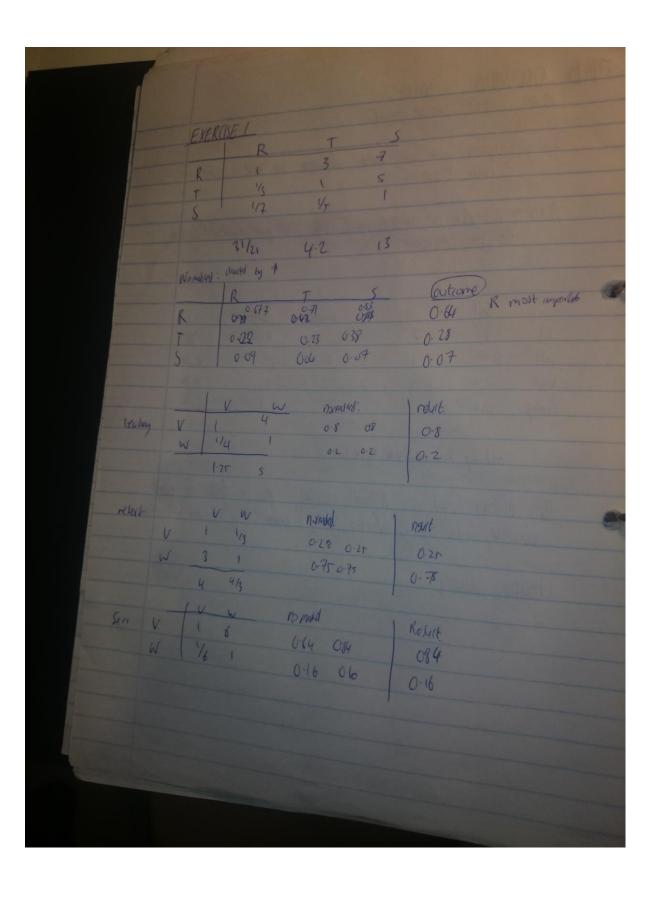
7/11/15 DER	CISIONS NY	COA n awyss				
	weighting - with a each option	ur best d	Heava in	post c	(SE) UF	
Atip-	compar bus s For proberes	tens 6 each o	ter and p	ut dum	u vehp	
	Sail a		ova for		,	
Sal	0.14		0.25		06	
ccty Work			0.0		0.14	
	0-16 5	3			0.2	
						00 NI
0	dd up sums ond du	ide by the sun				
	rant jud V		ues do	o by	for ear	
ieriubl	ie solor	of all 1015	then,	city of	all jubs etc	
U Co	as as a	1 1 2 2 3				
(teching	anslary					
Ü						



The government has elocited to open the University of the itesh Mediands, and a considering whether or not to expand Athlone IT or to build it. on a preclief at the Torond, On Leithin, it is reserved in the transport lens (T), the cost of building infestructure (C), the population site in the surrounding area (P), and the possibility of garang seats in the subsequent general sections from the decision (G).

The government has compared each objective and has decided upon the televise mathrial painting companions:

On tempore, Admose is very signify better than Dromed (scoring 2). New dealther will have to be built from scratch in both cases, and the cost of underling infrastructure will berefore again be only marginally better in Athlone (scoring 2). Athone has a larger surrounding population (scoring 4). And the government thesis that policially it would be much more shread to build the underregal in Lightness will speak the processor of the processor o

Use the analysic hierarchy approach to determine which location should be chosen

Are the government objectives consistent

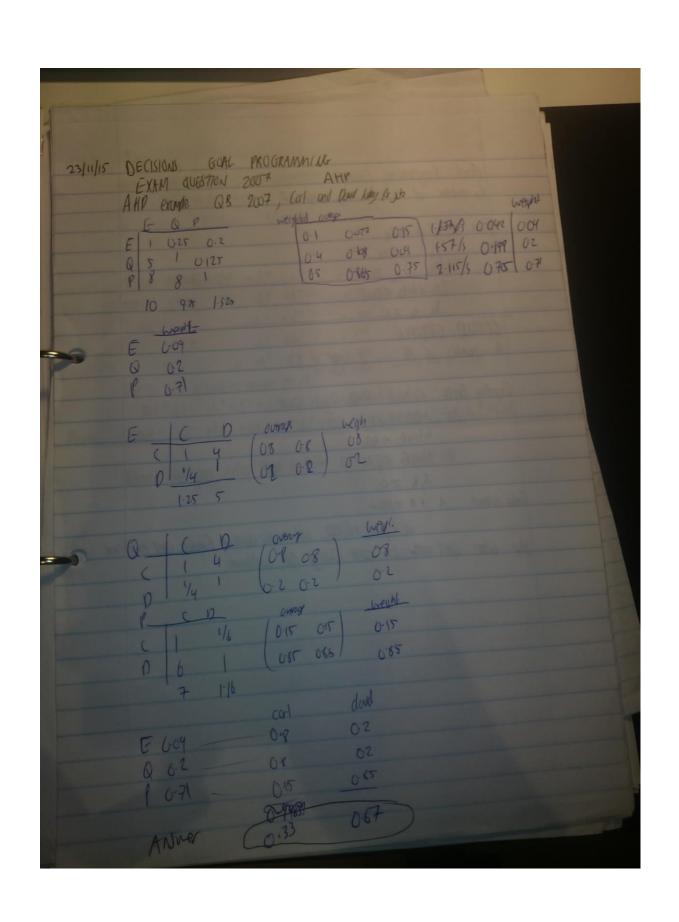
becalt that final decision is announced, an independent commission is appointed to took at the findings after public disquisit about the process used. The commission announce that they are happy to use the government's preferences as they standaccount. They therefore only consider transport, the cost of infrastructure and size of Local population. Even before they recalculate weights of the carriers, they look at the access for the towns on each critisation and quickly choose to place the next unjuries. A company is evaluating 2 locations, Carlow and Dundals, for a new office. The locations are evaluated by three objectives: transport links office. The distribution of the company co

$$A = \begin{pmatrix} 1 & 4 & 5 \\ 0.25 & 1 & 1 \\ 0.2 & 1 & 1 \end{pmatrix} A$$

using the usual scale for quantifying the relative important of the country objectives e.g. from 1 = equally important, through 5 = strongly more important to the largest value 9 = absolutely more important.

On transport, the company thinks that Dundalk beats Carlow went a score of 2. On qualified workforce, Carlow beats Dundalk with a score of 3. On attractiveness, Carlow beats Dundalk with a score of 4.

Use the analytic hierarchy approach to determine which location should be chosen.



-	The state of the s	
	Goal Programmy Except XB rums of P	
	V nove of As X6 nime of 1	
THE RESIDENCE		
H	MOD 10 XA + 25X6	
	712 14 2/4×6 714 -4 10 70	
	2×4 + 4×6 <240	
-	X4 X6 7 0	
1 5	ECOND EXAMPLE - number of As, B-number of B3	
4-		
- Obx	edice finctor: POXIMILE HALL GOVE	
	ST: 2A14B 63000	
	4A+4B < 420 8A+3B < 220	
	A, 6 70	
Exten	arihant A + B 7/1000	
	if (most 76000 and in my objective Guiles and anathrent	
Sap	when con't note the costs satisfy the constituent.	
		1

