Resource Leveling

Your manager has requested that you find a way to level load resources (people). Using Resource Leveling make sure the demand for people is stable over the 14 weeks of the project.

Activity	Imm. Pred	Act Time	Number of Resources
A	-	4	2
B	-	4	1
C	-	4	2
D	A	2	5
E	B	3	2
F	C	2	2
G	D	3	5
H	G	5	3

1. Draw PERT diagram, determine activity paths, and critical path.
2. Draw the Schedule Graph for all 3 paths on the upper half of the space provided bellow.
3. Add up and record the resource units (people) required per week on bottom of graph.
4. On bottom half of Schedule Graph, fill in the critical path.
5. Fill in non-critical paths to level load resources (so the same number of people are employed each week).

T	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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