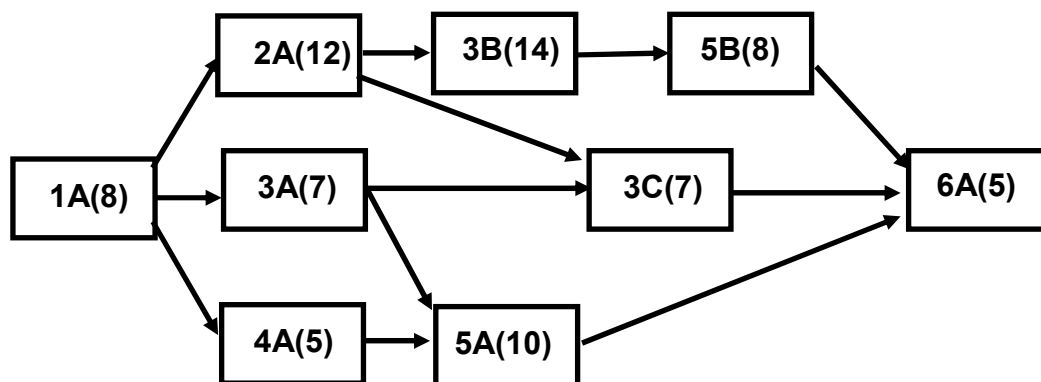


## Time - Tutorial - Questions

1. Create the Activity on Node Diagram for the following

Task	Duration (days)	Dependencies
T1	8	
T2	15	
T3	15	T1
T4	10	
T5	10	T2, T4
T6	5	T1, T2
T7	20	T1
T8	25	T4
T9	15	T3, T6
T10	15	T5, T7
T11	7	T9
T12	10	T11

2. **Question:** Calculate the ES, EF, LS, and LF of the following.



- What is the critical path?
  - How many days will the project take?
  - By how much can 5A be delayed without delaying 6A?
  - What is the Total Float of 3C?
  - What would it do to the critical path if 3C was delayed by 15 days?
3. In the table below, create a Gantt chart for the tasks in Q2. Indicate free slack where appropriate by arrows in the Gantt chart.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1A																																																		
2A																																																		
3A																																																		
3B																																																		
3C																																																		
4A																																																		
5A																																																		
5B																																																		
6A																																																		