

★ Gantt Chart Problem:-

A project consists of following activities

Activities	Duration	Predecessors
A	3	-
B	4	A
C	2	A
D	5	B, C
E	3	C
F	6	D, E

- Create Gantt chart for this project.
- Show start & end dates assuming the project starts on Day 1.
- Indicate overlapping activities on the Gantt Chart.

Ans:-

i) To find out start & End Dates:-

Assume that project starts on Day 1

Activity	Duration (Days)	Predecessors	Start Day	End Day
A	3	-	1	3
B	4	A	4	7
C	2	A	4	5
D	5	B, C	8	12
E	3	C	6	8
F	6	D, E	13	18

starts after B & C (latest is B at Day 8)

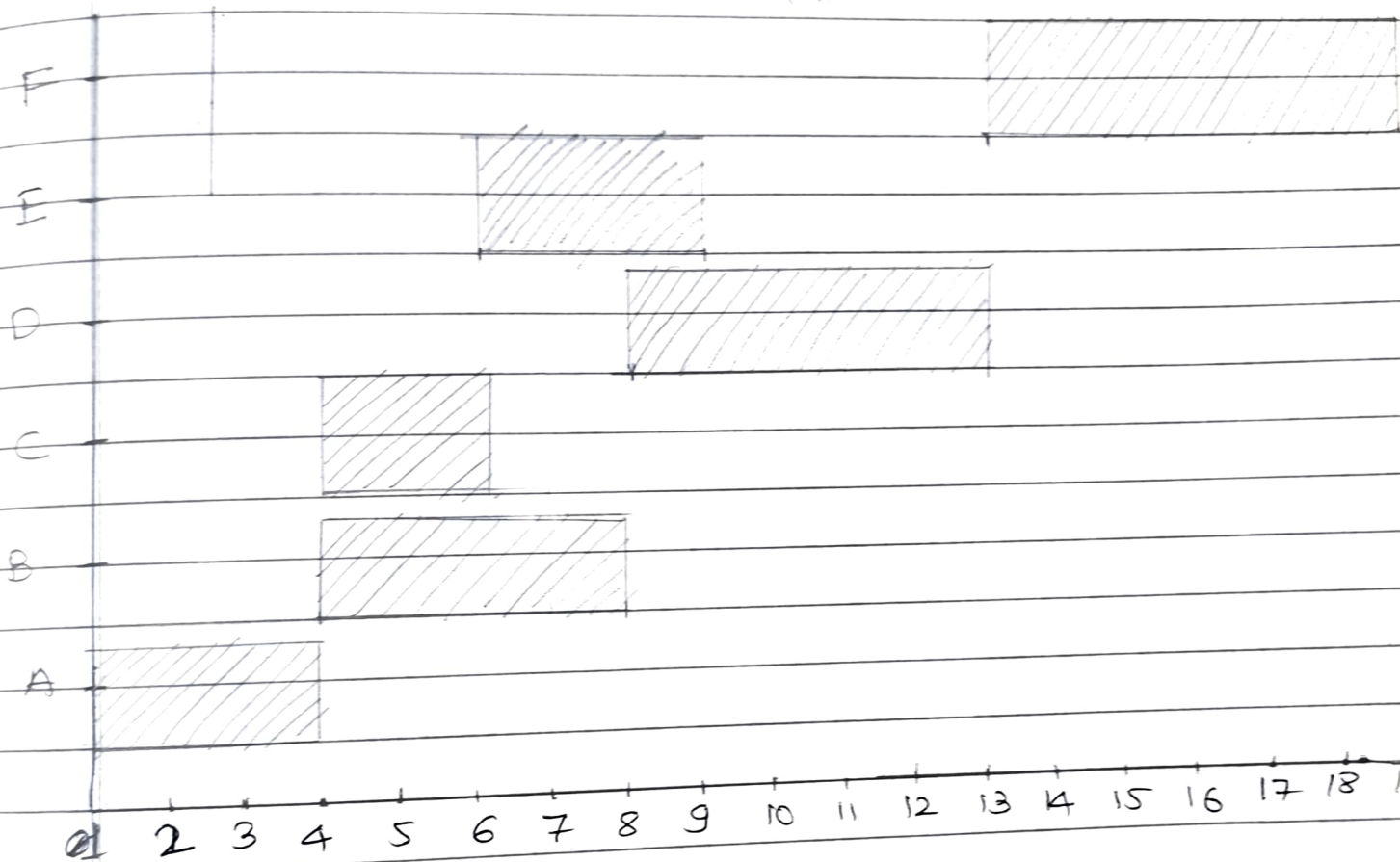
starts after D & E (latest is D at Day 13)

starts after C (Day 6)

→ So, project starts on Day 1 & ends on Day 18.

→ Overlapping activities:-

- B(4-7) & C(4-5) overlap
- E(6-8) overlaps with D(8-12)



Gantt Chart with overlapping Activities