

2. A) Consider the following activity of a project.

- a) Specification (20 Days)
- b) Design Database (20 days)
- c) Design GUI part (30 days)
- d) Write User Manual (50 days)
- e) Code Database part (60 days)
- f) Code GUI part (40 days)
- g) Integrate & test (70 days)

$a \prec \{b, c, d\}; \{b, c\} \prec e; c \prec f; \{d, e, f\} \prec g$

find out ES, LS, EF, LF, ST & MT.

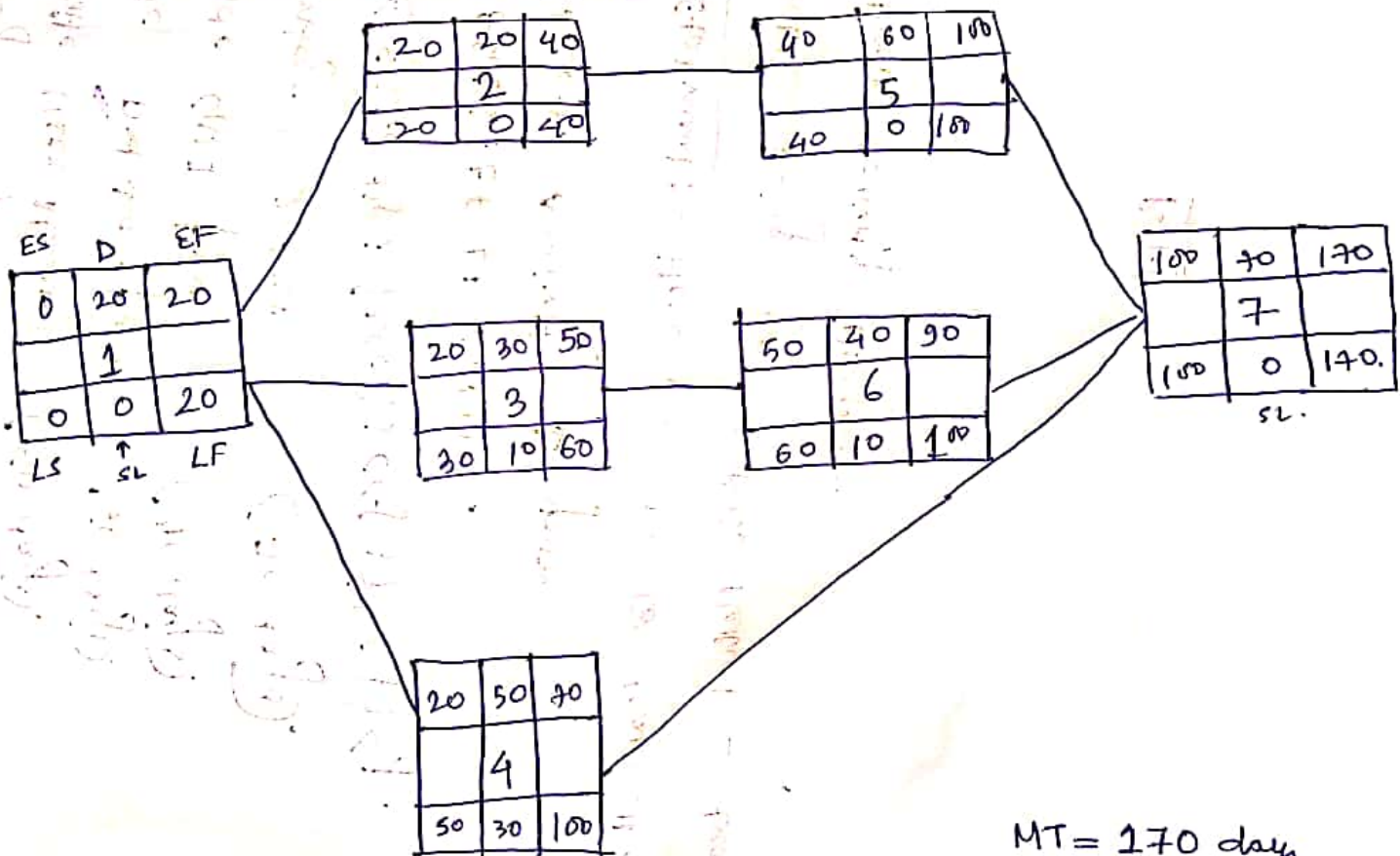
Draw Network Activity Diagram.

→ Problem Statement:- Here we have to draw the entry table using Critical Path Method & draw the Network Activity Diagram.

## Entry Table

	Task Name	Duration	Start	Finish	Predecessors
1	Specification	20 days	Wed 3/3/21	Tue 3/30/21	
2	Design Database	20 days	Wed 3/31/21	Tue 4/27/21	1
3	Design GUI part	30 days	Wed 3/31/21	Tue 5/11/21	1
4	Write User Manual	50 days	Wed 3/31/21	Tue 6/8/21	1
5	Code Database part	60 days	Wed 4/28/21	Tue 7/20/21	2
6	Code GUI part	40 days	Wed 5/12/21	Tue 7/6/21	3
7	Integrate & Test	70 days	Wed 7/21/21	Tue 10/16/21	4, 5, 6

# Network Activity Diagram.



MT = 170 days.

2. B. Draw the Use Case diagram to get admission in an Institute.

