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Roll : 1603013
Course No : CSE 4107

2.

0	Task-A	Early Finish
Late Start	Slack	Late Finish

0	30	30
	Task-A	
0	0	30

30	90	120
	Task-B	
90	60	180

30	60	90
	Task-C	
130	90	190

30	90	120
	Task-D	
90	60	150

120	60	180
	Task-E	
130	60	190

120	60	180
	Task-G	
180	60	210

180	30	210
	Task-F	
240	60	270

210	60	270
	Task-H	
270	60	330

270	20	290
	Task-I	
330	60	290

Q2.1
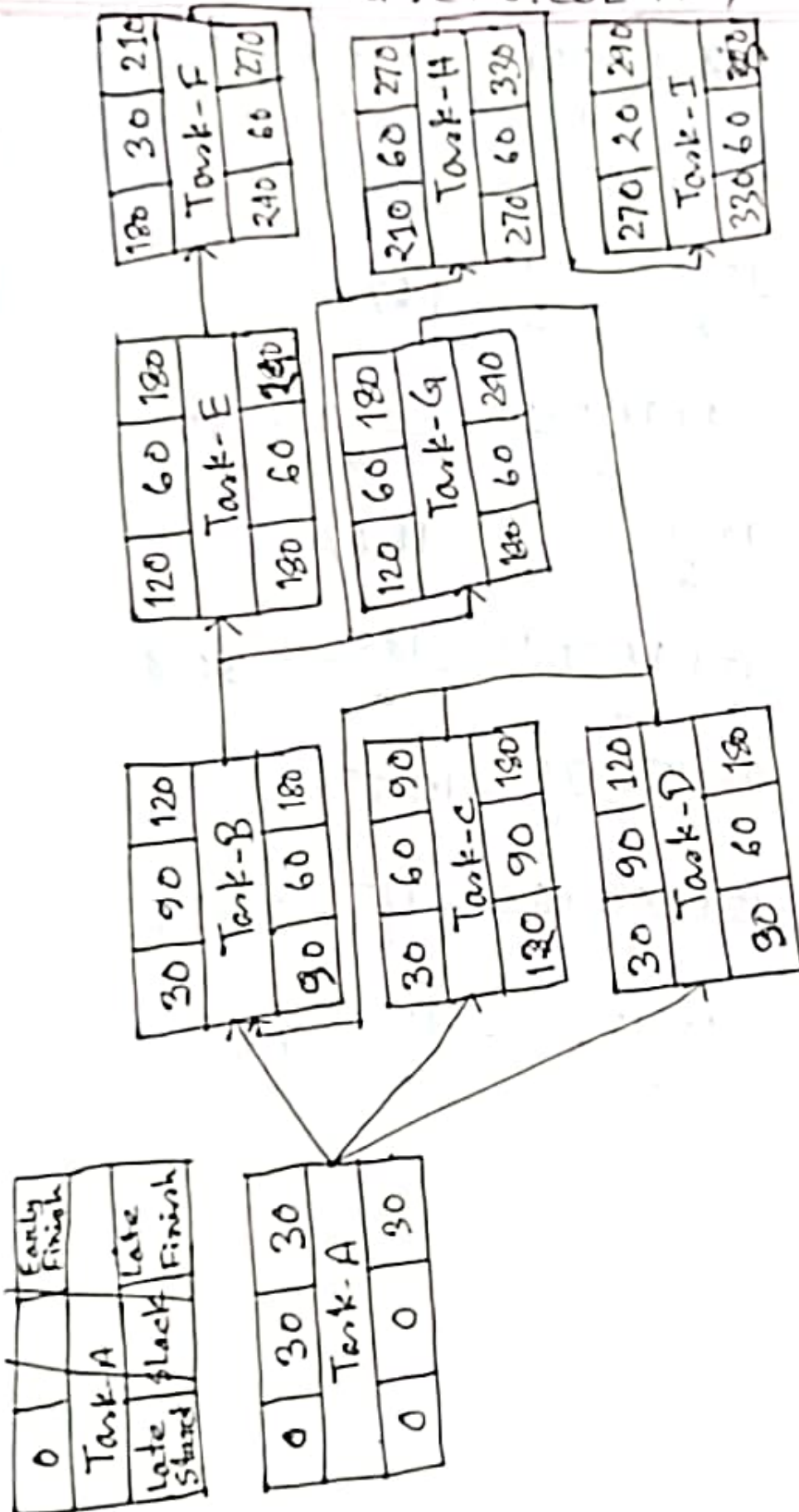
$$t_{e_A} = \frac{30 + 4 \times 25 + 30}{6} = \frac{150}{6}$$

$$= 30.25$$

$$S_1 = \frac{30 - 20}{6} = \frac{10}{6} = 1.67$$

$$t_{e_B} = \frac{20 + 4 \times 25 + 90}{6} = \frac{210}{6} = 35$$

$$S_2 = \frac{90 - 20}{6} = \frac{70}{6} = 11.67$$

$$t_{e_C} = \frac{15 + 4 \times 20 + 90}{6} = \frac{185}{6} = 30.83$$

$$S_3 = \frac{90 - 15}{6} = \frac{75}{6} = 12.5$$

$$t_{e_D} = \frac{15 + 4 \times 25 + 60}{6} = \frac{175}{6} = 29.167$$

$$S_4 = \frac{60 - 15}{6} = \frac{45}{6} = 7.5$$