

## SOFTWARE ENGINEERING LAB(ESC591) ASSIGNMENT(ONLINE)

1. Enter the following tasks, resources and materials for the following project and calculate cost for each resource and material using tabular format and also calculate the total cost for the project.

Tasks	Durations (in Days)	Resources	Standard Rate	Materials	Material cost (Per unit)	Dependency
T1	5	R1, R2	R1: \$14/Hr	M1	M1=\$12 M2=\$16 M3=\$18 M4=\$12	Independent
T2	4	R3, R4	R2: \$10/Hr	2M1, M2		Independent
T3	5	R1, R5	R3: \$12/Hr	3M2		T1
T4	7	R2, R3	R4: \$15/Hr	M2,2M3		T2
T5	8	R4, R5	R5: \$16/Hr	2M3,2M4		T4

2. Consider the following project and find out the expected time ( $t_e$ ) for each task.

Tasks	Time (in Days)			Predecessor
	$t_o$	$t_m$	$t_p$	
PTW-1	2	4	6	None
PTW-2	2	3	10	None
PTW-3	4	6	8	PTW-1
PTW-4	1	5	15	PTW-2