- The total budget of the project is 3700 K

- The total actual cost is 2700K

- The budget at current time = (600*1)+(1200*1)+(400*0.5)+(1200*1/3) = 2400K

- so, we are over planned budget by 300K

- we started the project 7 months ago so as planned task 3 should be done after 7 months but in it 50% progress and task 4 should be done after 10 months but it is 33.3 progress

- so, I expected to be 1-1.5 a head schedule

- Total AC = 600 + 1400 + 200 + 500 =2700K

- Earned value (EV) = progress * Budget =
(600*1)+(1200*1)+(400*0.5)+(1200*1/3) = 2400K

- Cost variance (CV) = EV -AC =
2400 – 2700 = - 300K

- Schedule variance (SV) = EV- planned budget now =
2400 – 3000 = -600K

- Cost Performance Index (CPI)= EV / AC =
2400 / 2700 = 0.889

- Schedule Performance Index (SPI) = EV / PV =
2400 / 3000 K= 0.8

- Estimate at Completion (EAC) = BAC / CPI =
3700 / 0.889 = 4161.9