A project in its 20th week has an actual cost of Rs 250 2,50,000. It was scheduled to have spent Rs, 241,000. for the work performed to date, the budgeted value is Rs. 252,000. 1) what are the cost of schedule variances For the project. in what are the SPIS CPI. 3 Given Data: Actual Cost AC = Rs. 2,50,000. Planned Value PV = Rs.2,41,000. Earned Value (EV) = Rs. 252,000. Compute Variances: a) Cost Vanance: CV = EV-AC = 2,52,000 - 2,50,000 CV - 12,000. As, CV is positive or > CV>0 project is under budget. B) Schedule Variance:-SV = EV - PV = 2,52,000 - 2,41,000 SV #11,000 since sv>0 or positive, project is ahead of schedule.

ii) Compute: Performance Indexel: a) Schedule Performance Index: SPI = EV SPI = 1.0456. AS SPITI I project is performing ahead a CPI = EV =2,52,000 2,50,000 CP3 - 1.008 As CPI>1, the project is cost-efficient. Final Answers;-Cost Variance = Rs, 2,000 (Under Budget) Schedule Variance = Rs. 11,000 (Ahead of sche SPI = 1.0456 (Ahead of schedule) CPI = 1.008 (Cost-efficient)