Project Duration = Preparation + Design + Testing + Deployment

= 2 + 3 + 3 + 3 = 11 months

1-

Budget Status = (1200 - 1400) + (33.3 * 1200 /100 - 500) = K$ -300

CV = K$ -300

Over Budget by K$300

2-

Duration till now = 2 + 3 + 33.3 * 3 / 100 = 6 months

Project Delay = 7 – 6 = 1 month

The Project is behind the schedule by 1 month (30 days).

3-

Planned Budget = 600 + 1200 + 400 +1200 = k$ 3400

Actual Cost = 600 + 1400 + (200 / 0.5) + (500 / .333) = K$ 3900

Budget is over by k$ 500

4-

EV = 600 + 1200 + 200 + 400 = K$ 2400

AC = 600 + 1400 + 200 + 500 = K$ 2700

PV = 600 + 1200 + 400 + 800 = K$3000

CV = EV-AC = 2400 - 2700 = - K$300 < 0 Over Budget

SV = EV- PV = 2400 – 3000 = - K$600 < 0 Behind Schedule

CPI = EV/AC = 2400 / 2700 = 0.888 < 1 Over Budget

SPI = EV/PV = 2400 / 3000 = 0.8 < 1 Behind Schedule

EAC = BAC / CPI = 3700 / 0.888 = K$ 4167