Expeniment 2: Servies - Parcallel per citicuit and venifications to ferking that fis Laws. Circuit Diagrami V FS + 10 + POLIF X OO HE ST X ST - EV figure: Circevit for experiment Pre-lab report questions: Simplify the citicuit, bololustory Miranor Rp = R211 R3 Req = Rp + R_1 = (100+31.973)-2 = [] | [] | Req I- = 12, 732 MA $I_1 = \frac{E}{R_1 + R_P} = 0.022732A = 22.732mA$

Bussn 12= 17年8日 CP'P, P2+P3 1007 22.

17×20

47

47+100

- About work I3 x P3=100 X In x P1 = 100x 27.732 H2 ohms R2+R3 X R2=47 X 15. 463 V= law, 0 727 V

Ans to the

 Ξ From the 1200 values

E m رن P (100 1 31 day) 40.727 125273 V

= (159.463+27.269 22,732 mA