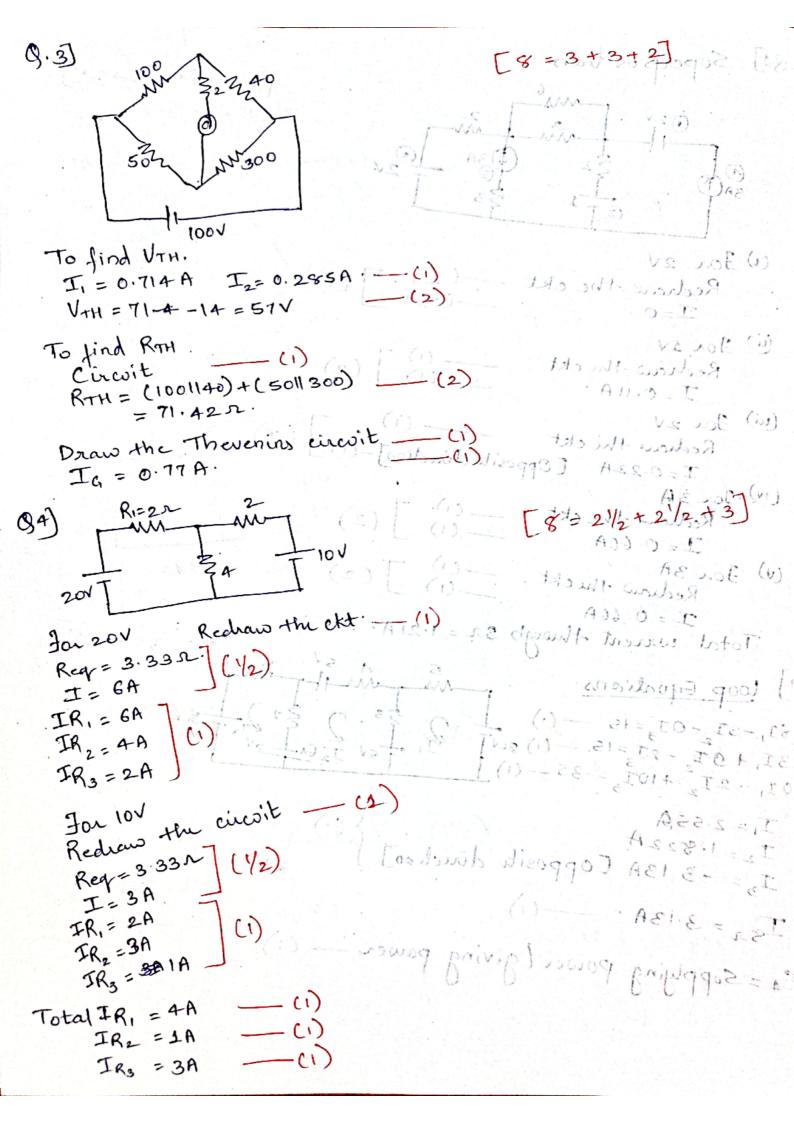
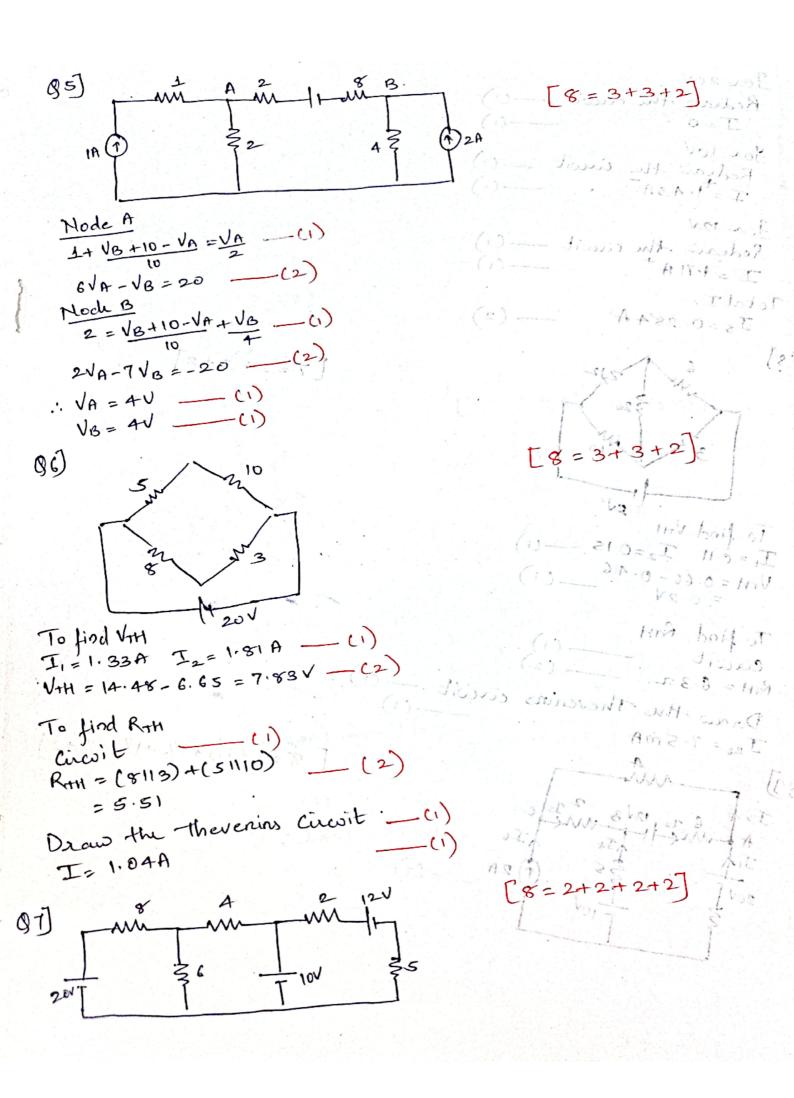
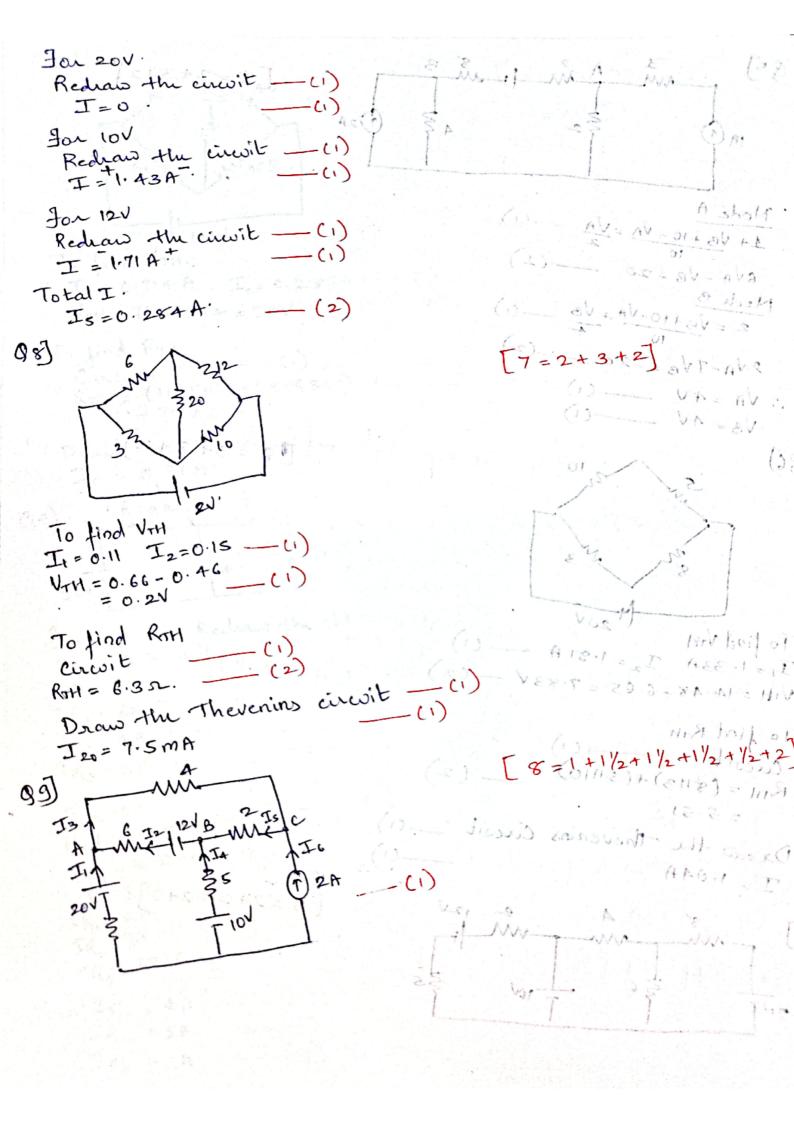


AE .







Node B = 12V = VB . _ (2) Node A VA-VB = 10-VA + 16-VA (1) (1) -- PD-: NO-OVO - AVT (a) - 10-40 + 10-40 - (1/2) 15VA - 4VB = 128 - (1) VA = 11.73v . ___ (1) (1) - 0 = NSI + NATO = UNS I =0.576A (1) - - - - - - - - - - - - (1) T2=0.533A J3 = -0.045 A (1) -- 8-2 NO-2 NOFAL J4 = 1A [8=2+21/2+21/2+1] of Is = 0.955A ARE 0 = 6 (i) FAREA! for 20 V CKT - (1)
Reg=5s I = 4A Izn= 2.66A -(1) Draw the circoit — (1) for ISA. Jon sov : exi--In=9A (opposite direction) -(1) & Shill = Ass I = 1.70h () Joe 15 A.

Reau the inevit — (1)

Izr 3A (opposite direction) — (11/2) (1) - 143 AOI AOI AOI AOI AOI AOI (1) - A & A = I (M) Total coverent: Total current: $I_{22} = 9.34 \text{ Grom B to A}. (1)$ 的一种性质

ModeA VA-VC = 20-VA + VB+12-VA - (1/2) 7 VA - 2 VB - 3 Vc = 64 - (1) Mode B VB+12-VA = 10-VB + Vc-VB - (1/2) SVA - 26VB + 15Vc =0 - (1) Vc-VB = 2 + VA-Ve __ (1/2) Nodec VA +2VB-3Ve=-8 - (Vo=17.14V Vc=21.90V) (1/2) I1=-0.57A I2 = 0.95A (1) I3 = 0.38A I4 = -1.428A Is = 2.38 A I = 2A -[6=3+2+1] 上。李 (101- dris. , 114. cing Jan 201 CKT-(1) Rey=11.75 } (1) I=1.70A no. 1221 1 16 900 3 68 - 15 Is = 0.64A. ___(1) Con- dina interior Jan 10A. CKT — (1) (astrout Janges) The Is = 4.045 A. - (1) Total I = 4.6A -- (1) [8=1+2+2+1+2]

Nodec

[7=2+2+2+1]