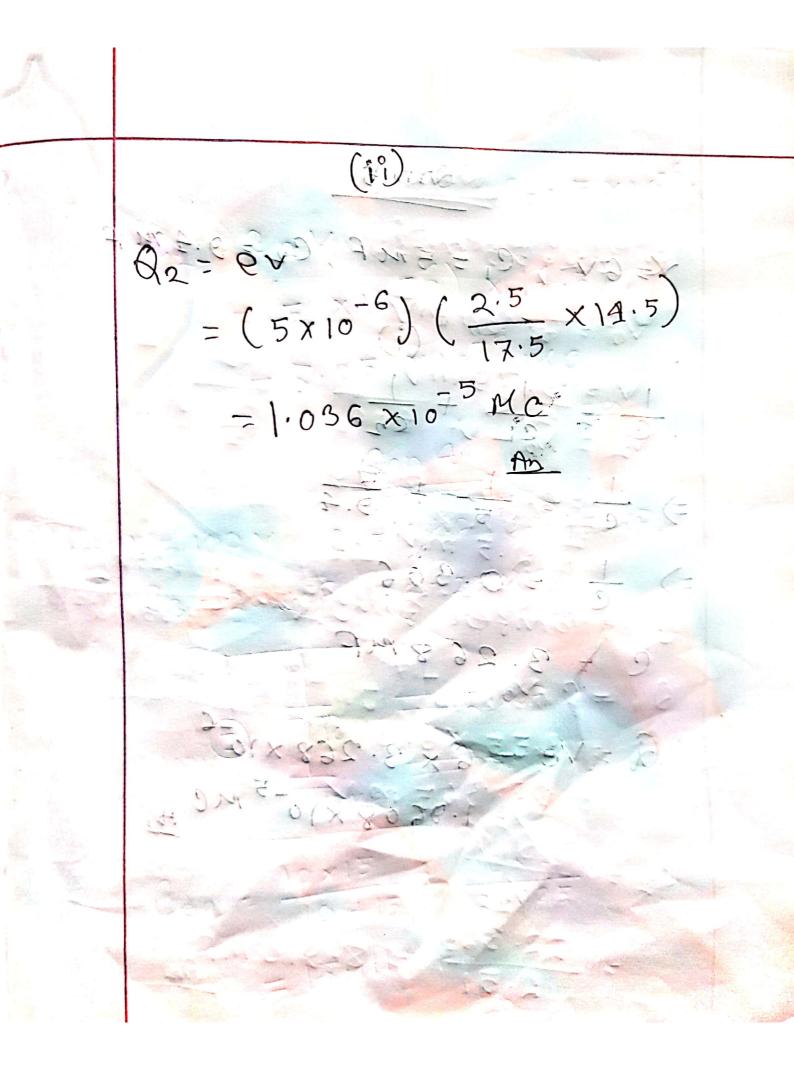
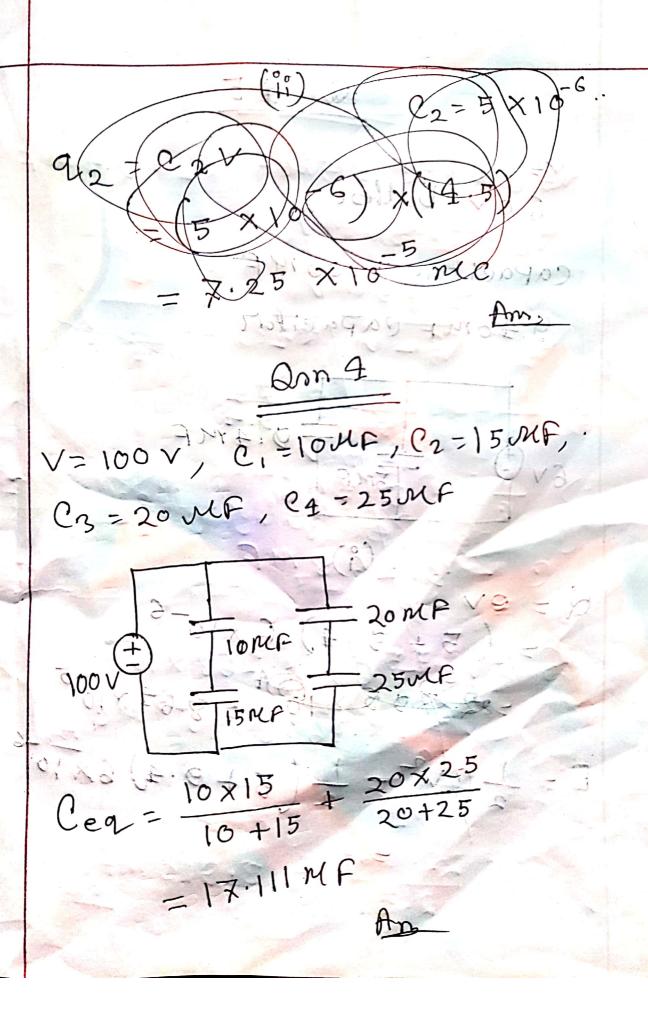
O11192118 A Tawhidul Islam Phy

Am to the gan No:1

$$=\left(\frac{1}{15}+\frac{1}{2.5}\right)^{-1}$$

An





$$C_{1} = 2.55 \text{ mf}$$

$$V_{0} = 6.30 \text{ mV}$$

$$V = 3.79 \text{ mV}$$

$$V_{2} = \sqrt{6} - \sqrt{2}$$

$$= 6.30 - 3.79 \text{ mV}$$

$$= 2.5 \text{ mV}$$

$$= 2.5 \text{ mV}$$

$$C_{1} = C_{1} \times \sqrt{2}$$

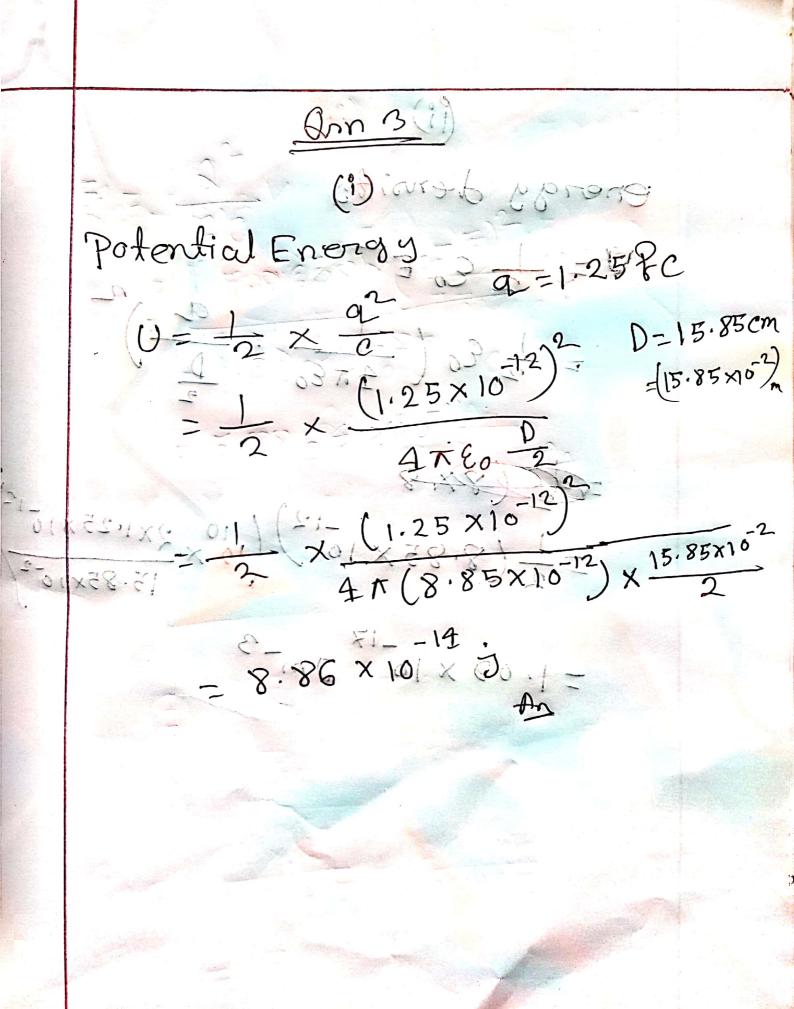
$$= 3.55 \times 6.30$$

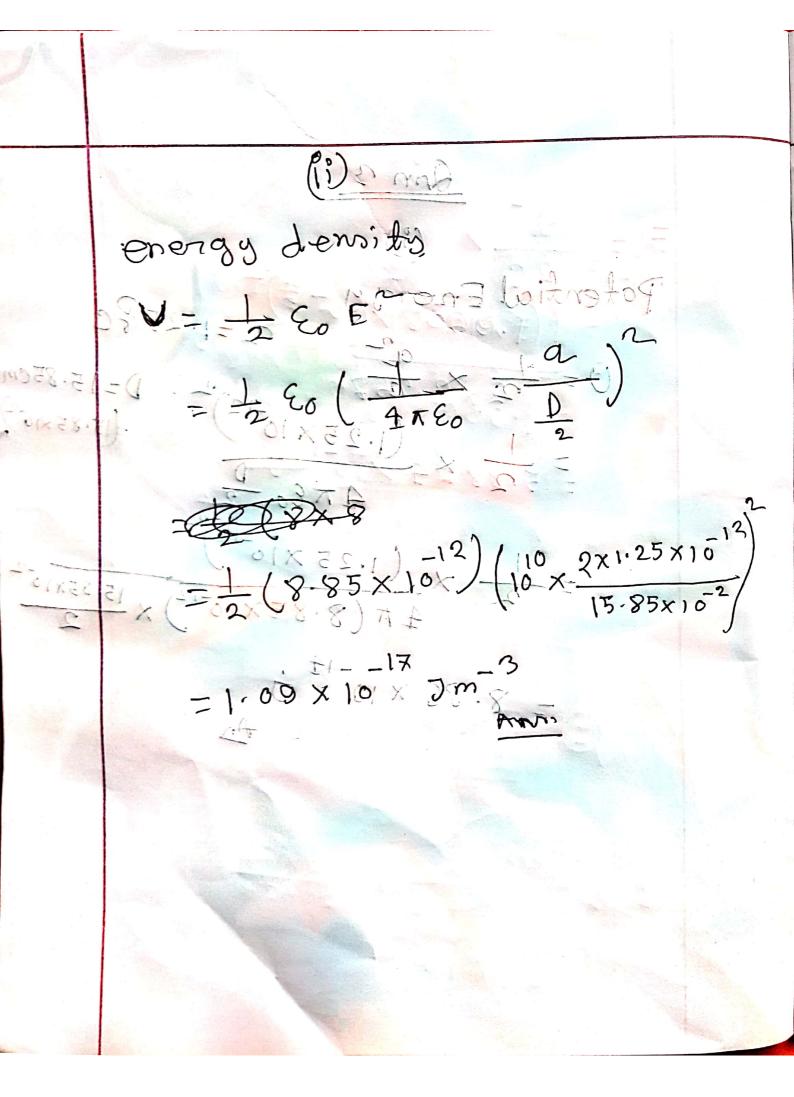
$$= 3.55 \times 6.30$$

$$= 22.365 \text{ mV}$$

$$C_{2} = \frac{22.365}{2.51} = 8.910 \text{ mf}$$

$$A_{1}$$





Onn 5 V=6V, C, =5mF, C2=9.4mF (1) (1) (1) (1) (1) (1) (1) (1) C = c, to c20001 = => = 0.306 C = 3.268MF

:. G = Ve = 6 x 3.268 x 10

= 1.9608 × 10 -5 MC A

Scanned with CamScanner

