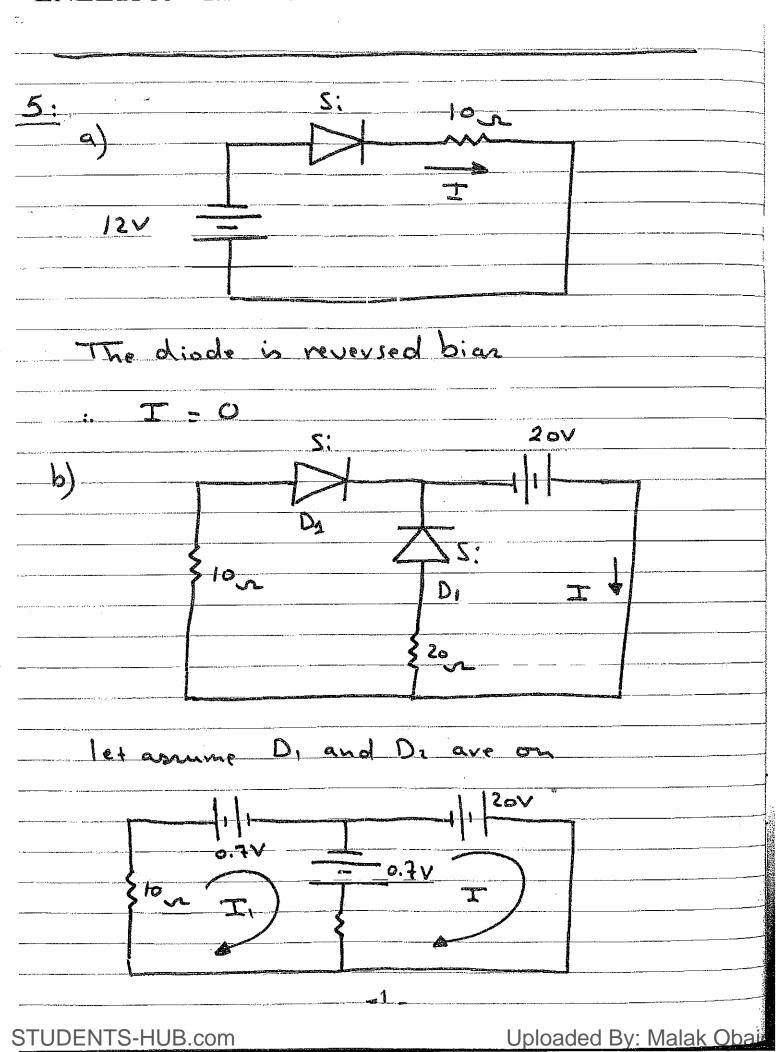
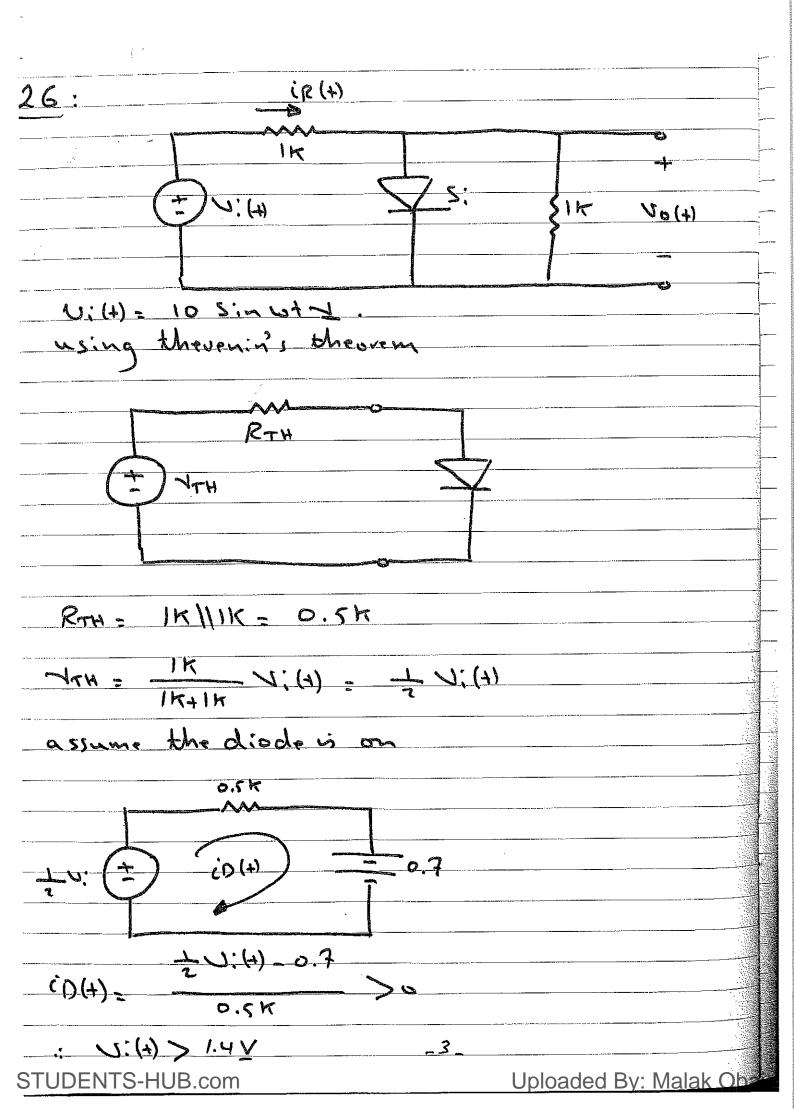
ENEE2360 CH2 Homework Solutions

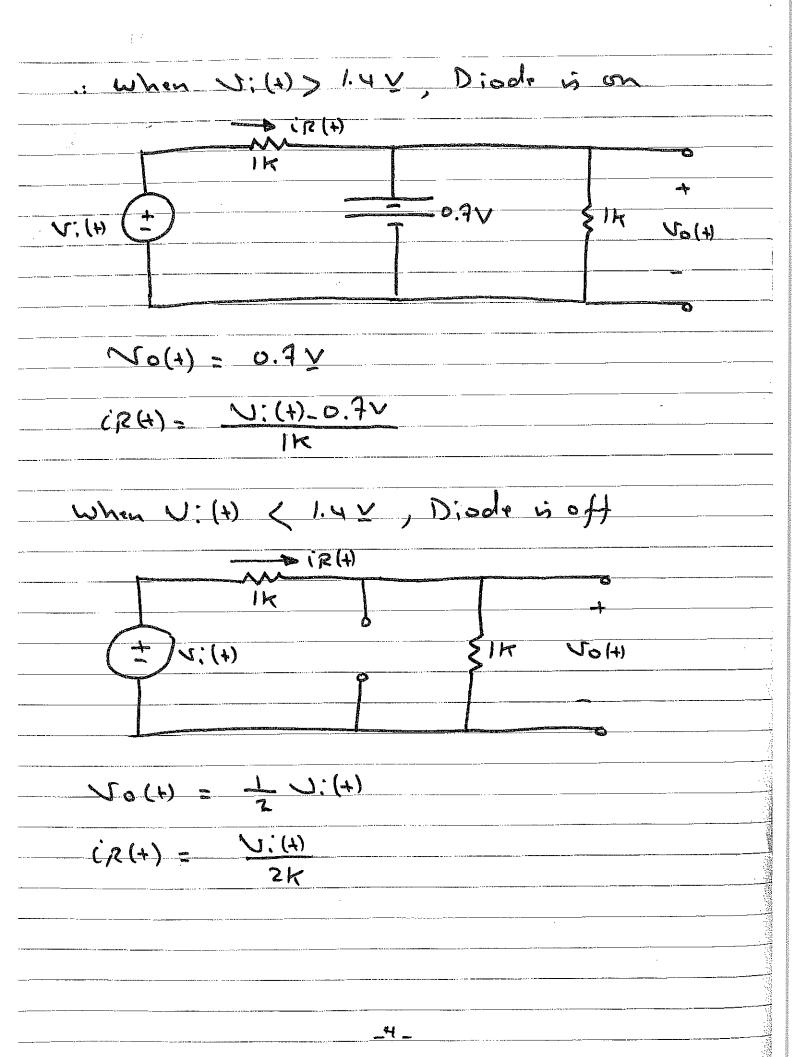


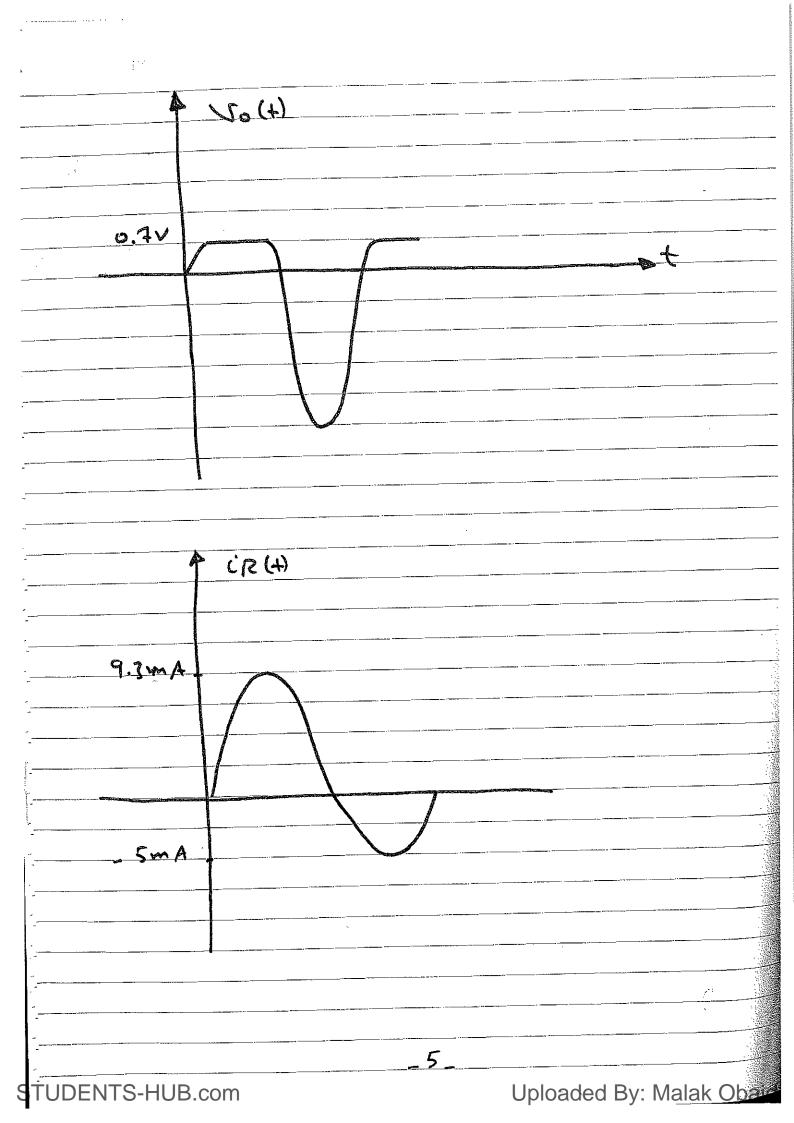
| KVL in mesh O |
|---|
| O = 30I, 20I |
| Kvi in mesh @ |
| 19.3 = 20 I - 20 I, |
| Solving for I and I, we get |
| I: 2.895 A |
| <u> </u> |
| ID2: I: 1.97A > 0 |
| ID, = I - I, = 0.965A > 0 |
| |
| VS: |
| 700 = \$10 ~ Si |
| Both dioder are OFF, replace them with open Circuit |
| I = 10v = 1A |
| -2_ |

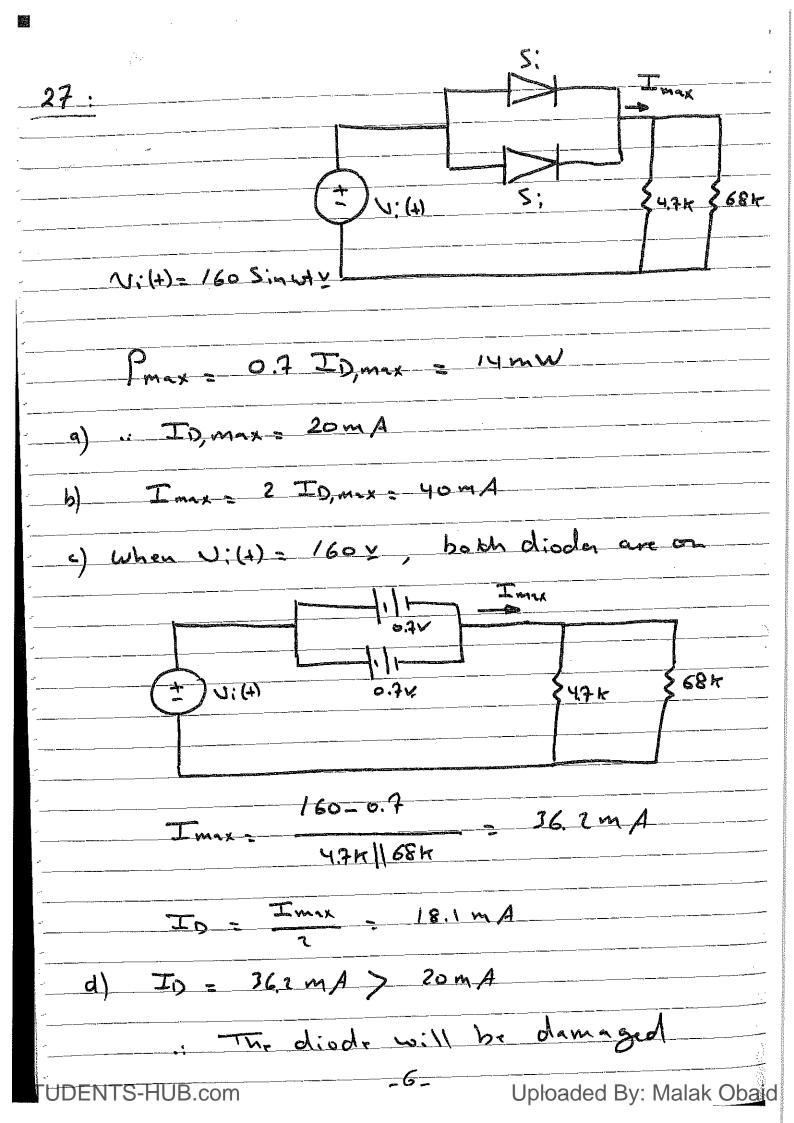
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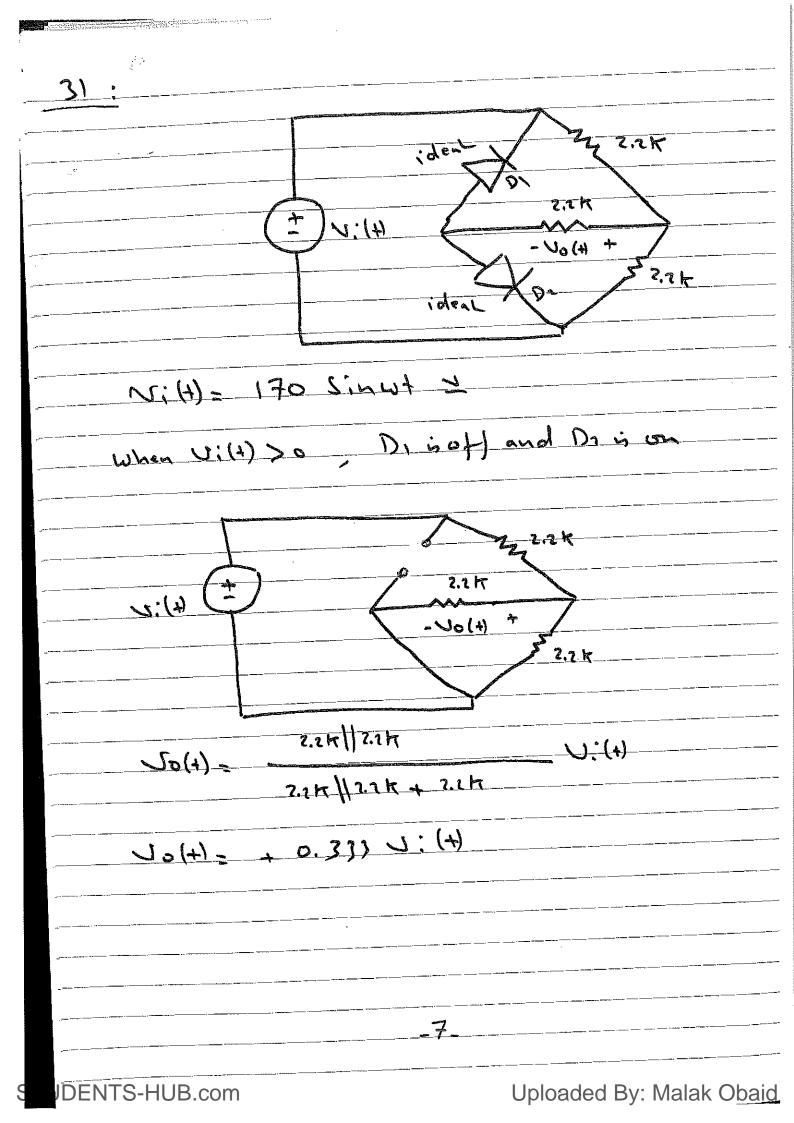
Uploaded By: Malak Obaid







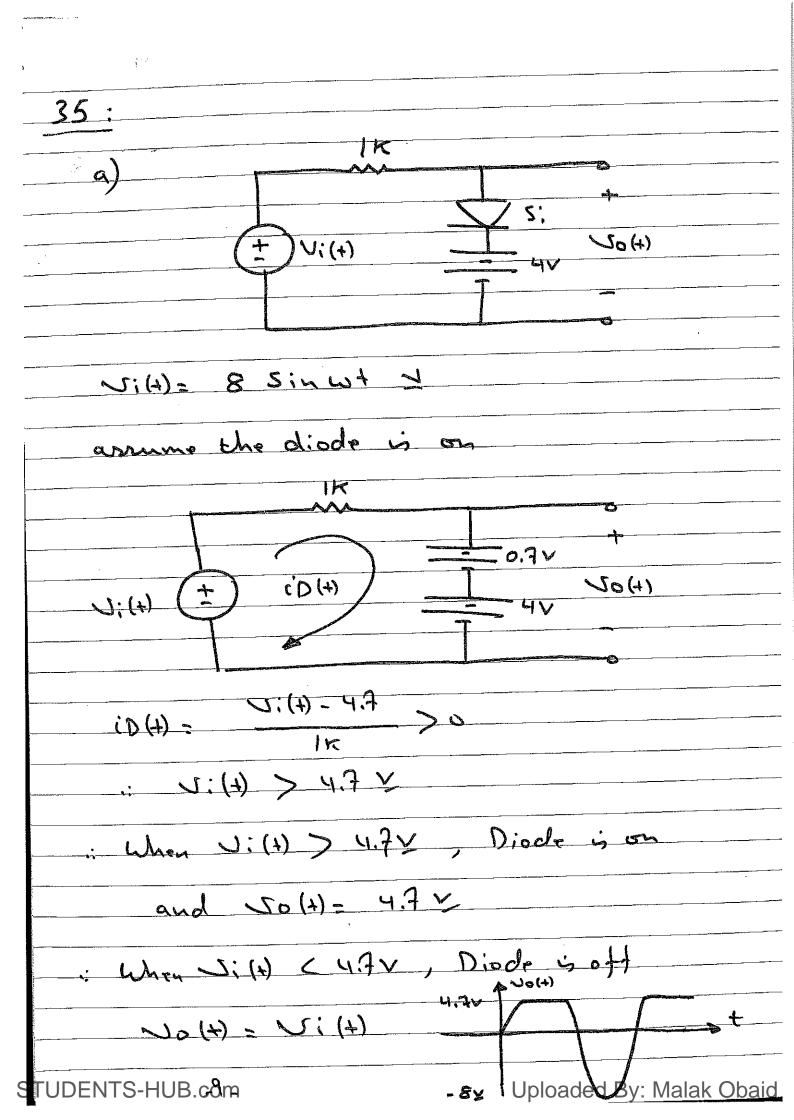


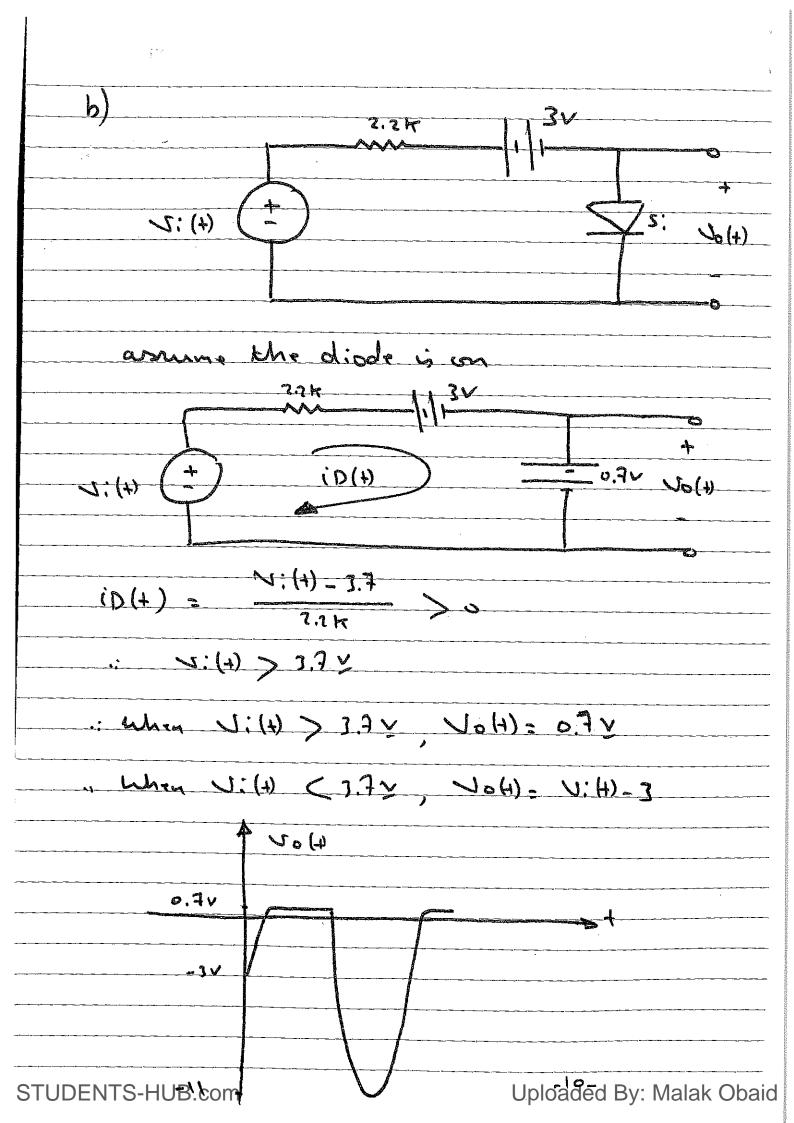


When Vilt) < 0, D, is on, and Dr is off __2.2.K__2.2.H___ Vo(+) = 7.1 K | 12.1 K + 2.1 K 0.332 3; (4) A Vo(+) ____ 56.7 V

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