| | C.W |
|---|--|
| | TEST Date: |
| | Umax. Hayyat 2019-EE-360 |
| | 2019 F F - 360 |
| | |
| | Assignment |
| | 7.33Iqime ito |
| | Q1: |
| | ·KV |
| | 1Kn 3 Voit |
| 1 | |
| | For Ve half cycle |
| - | Vout = -5- (Vms - 0.7) |
| | = - \(\) - \(|
| | = -5-2.3 1 |
| | Vout = -7.32 |
| | For the half cycle. |
| | Vout = 0 because divide is |
| | y everse biase. |
| | |
| | |
| | • |
| | -7.2V - |
| | O 2 sar |
| | HOV MR, |
| | Vin Z Voit |
| | |
| | For the half egcle |
| | Vout = Vbigs = 0.7 |
| | Nout = 5-0.7 A.K Quality Paper Products (Ali Pur) |

| | C.W | |
|--|---|-------|
| Control of the Contro | H.W Day: Day: Date: Date: | |
| | Vont = 5-6.7 | |
| | Vont = 4.3V | |
| | for ve half 14ch | |
| | for - Ve half cycle. Vout = (1mx) Vin (5b+1m) | |
| | 5b+1m) Vin | |
| | Vout = 1×106 | |
| | $V_{out} = 1 \times 10^{6} \times -10^{0}$ $V_{out} = -99.9V$ | |
| | | |
| | Vout | |
| | 4.3V | |
| | | |
| | -99 gr | |
| | * | |
| | QNO.3 | |
| | +SV Vin | |
| | 3V = I 3V Vout | |
| | For the half yelle D2 is forward on! D1 | |
| | is reverse bias | |
| | Vout = Vbias + 0.7. | |
| | = 3+0.7 | one a |
| | Vout = 3.7V | |
| | For Me half cycle. Dr is reverse and | 9 |
| | De is forward bias. | |
| | Vout = Vbias + 0.7 | |
| , | = 3+0.7 | |
| | Voit = 3.7 V | |
| | Volu - 3./ | - |
| | A.K Quality Paper Products (Ali Pur) | |
| | | |

| | c.w 🗆 | | |
|---|-------------------------|---|--|
| | H.W TEST | Day: | |
| | Vont | | |
| | | | |
| | + 3.7V | a t | |
| | 37V - | | |
| | | | |
| | QNo.4 | | |
| | Positive limiter: | | |
| - | | | |
| - | A positive limited | limits of dips | |
| | the positive por | t of input voiltage | |
| | and negative port | Xemain Same | |
| | | limiter diode | |
| | | ard bias for | |
| | positive half | ycle and reverse | |
| | bias for neg | alive half cycle. | |
| * | | | |
| | + into | M. J. | |
| | Vin | * Z Vout | |
| | Vantor | t | |
| | | | |
| | regative damper: | | |
| | A A | regative clampox | |
| | convert the post | tive half cycle | |
| | of input into | negative part as | |
| | | | |
| | Vin_ | wat A A A | |
| | A.K Quality Paper Produ | ictavourti | |