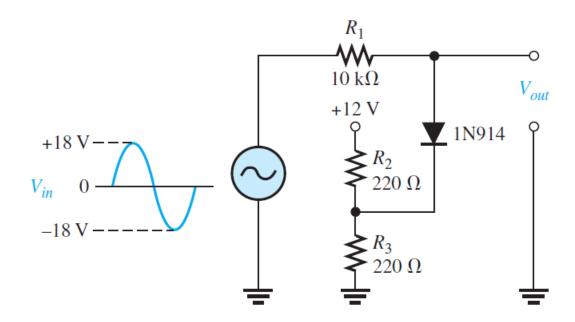
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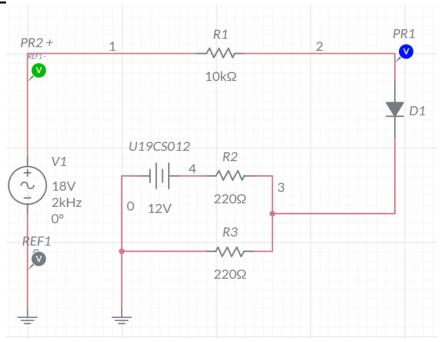
1. Determine and plot the output voltage waveform for the given circuits. Also verify the same using Multisim.

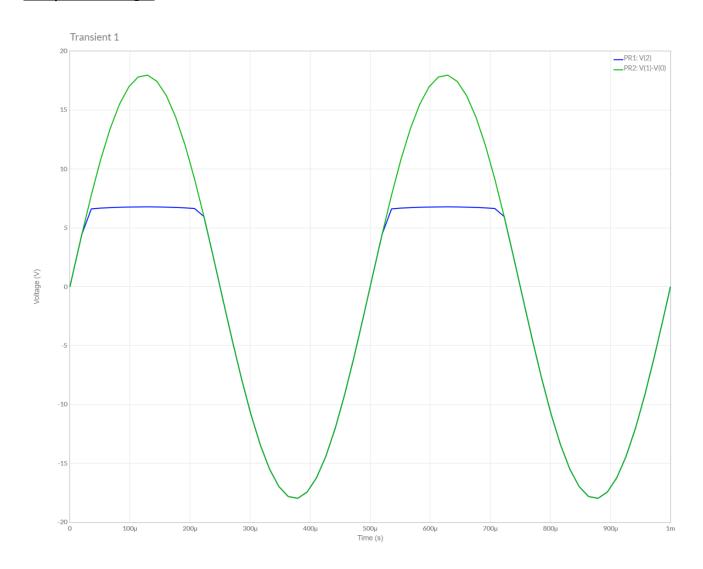
Circuit a.)

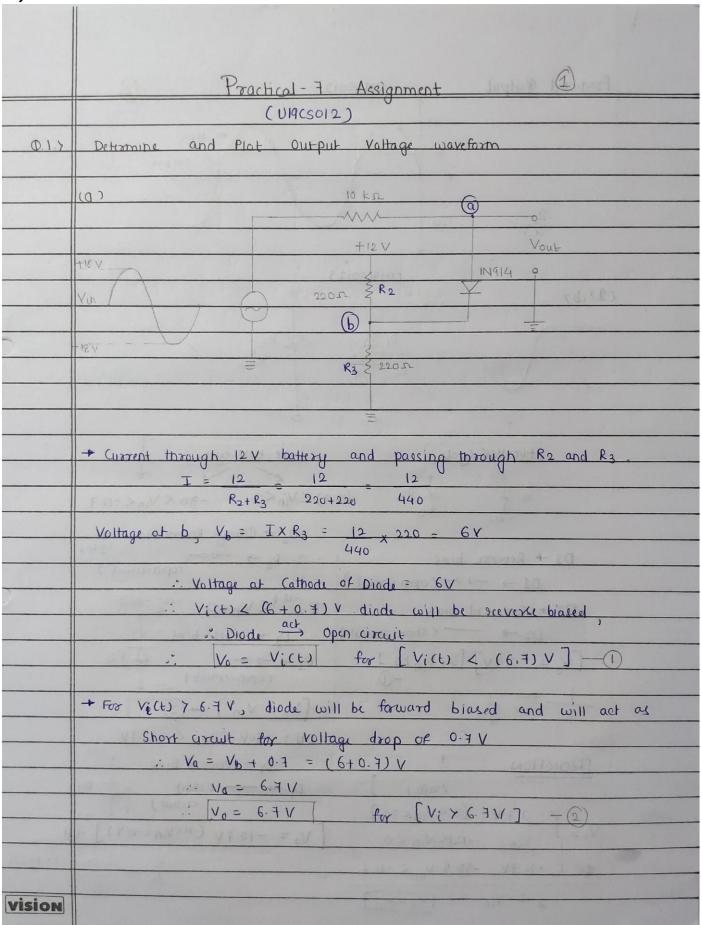


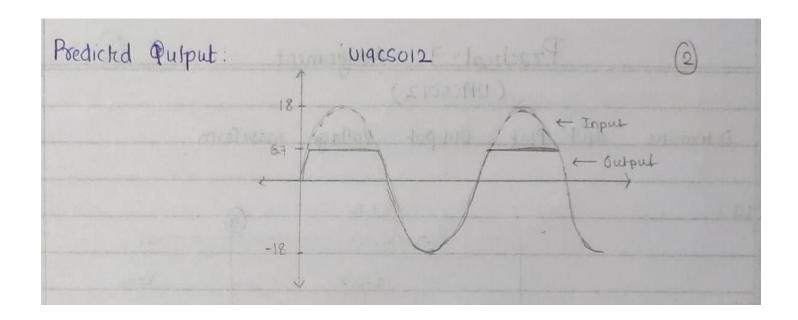
A.) Multisim Calculations:

1.) Circuit Image:

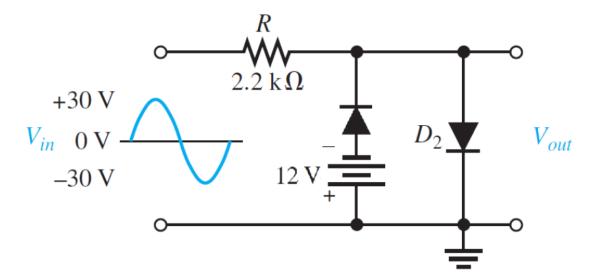






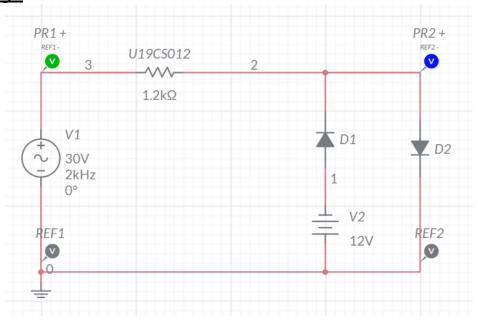


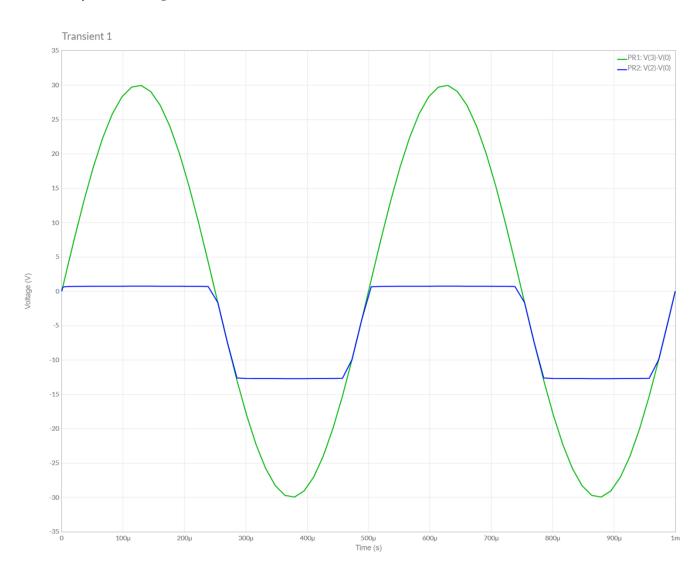
Circuit b.)

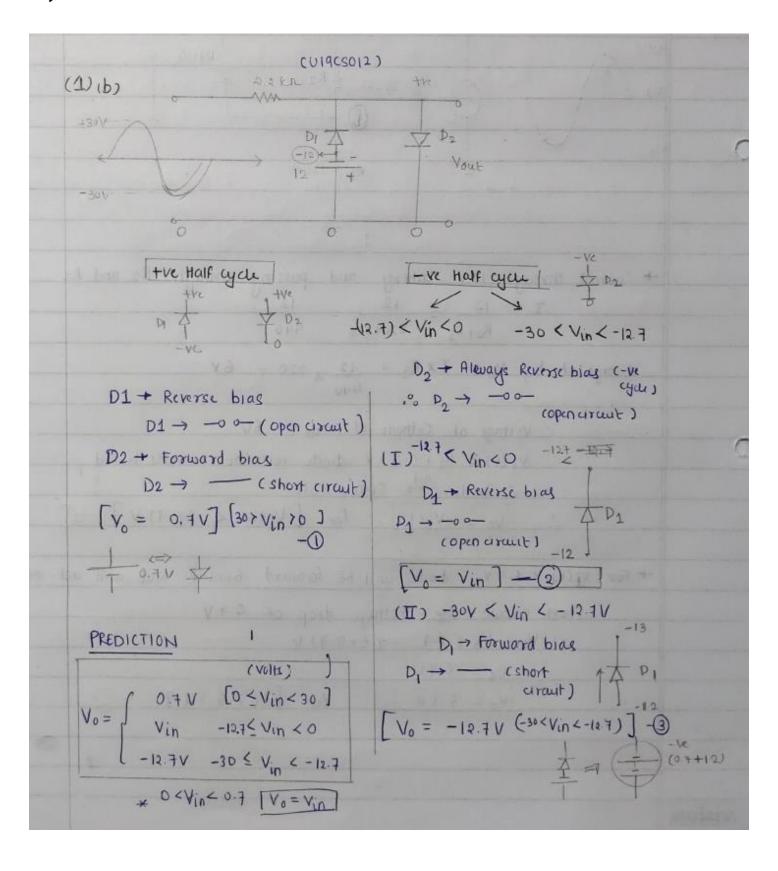


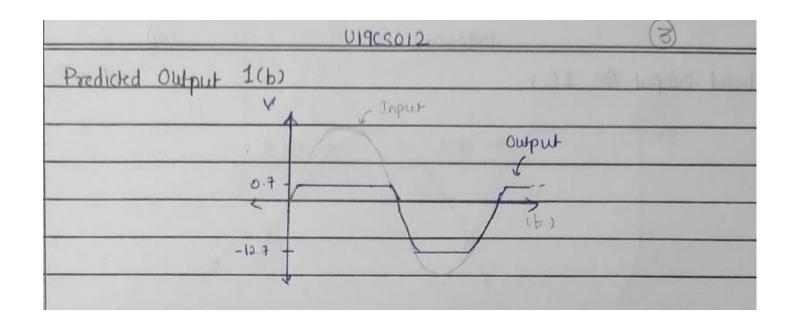
A.) Multisim Calculations:

1.) Circuit Image:

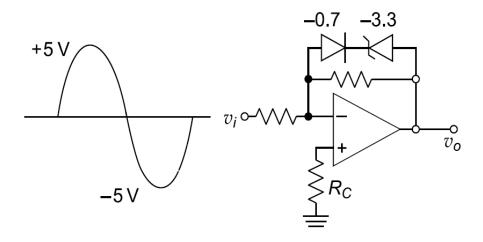






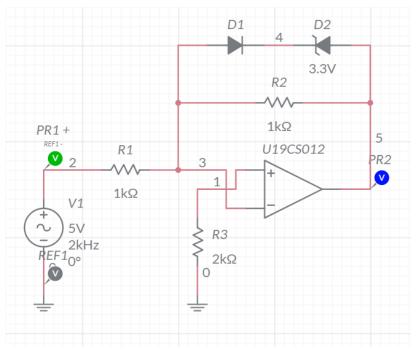


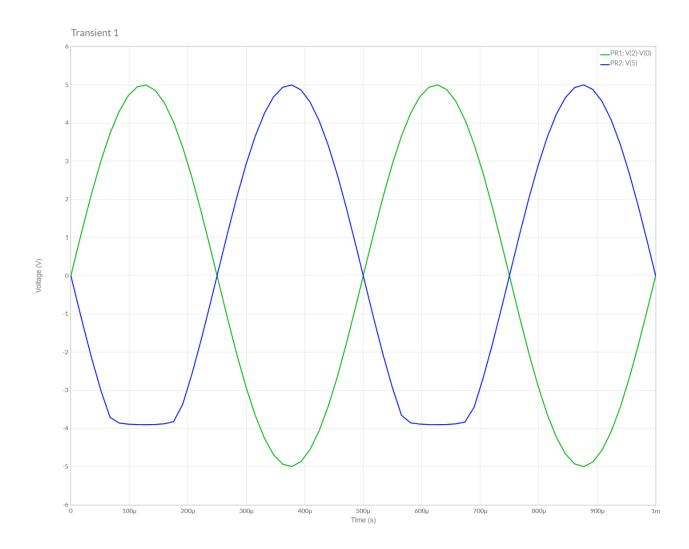
Circuit c.)

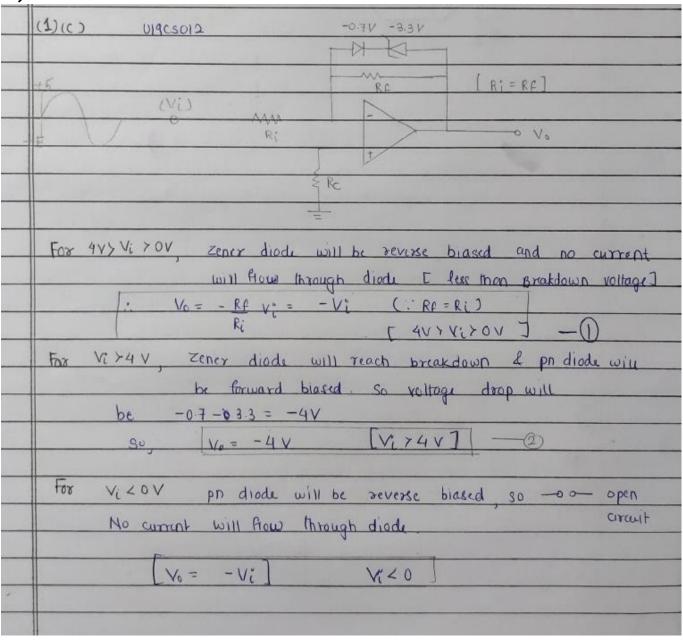


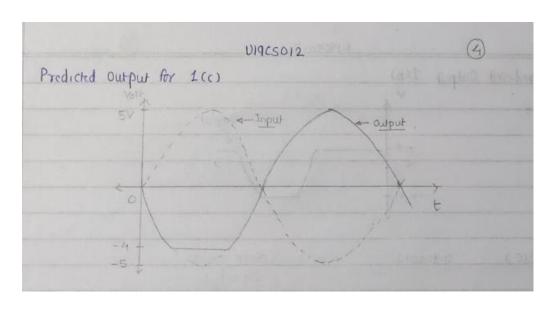
A.) Multisim Calculations:

1.) Circuit Image:

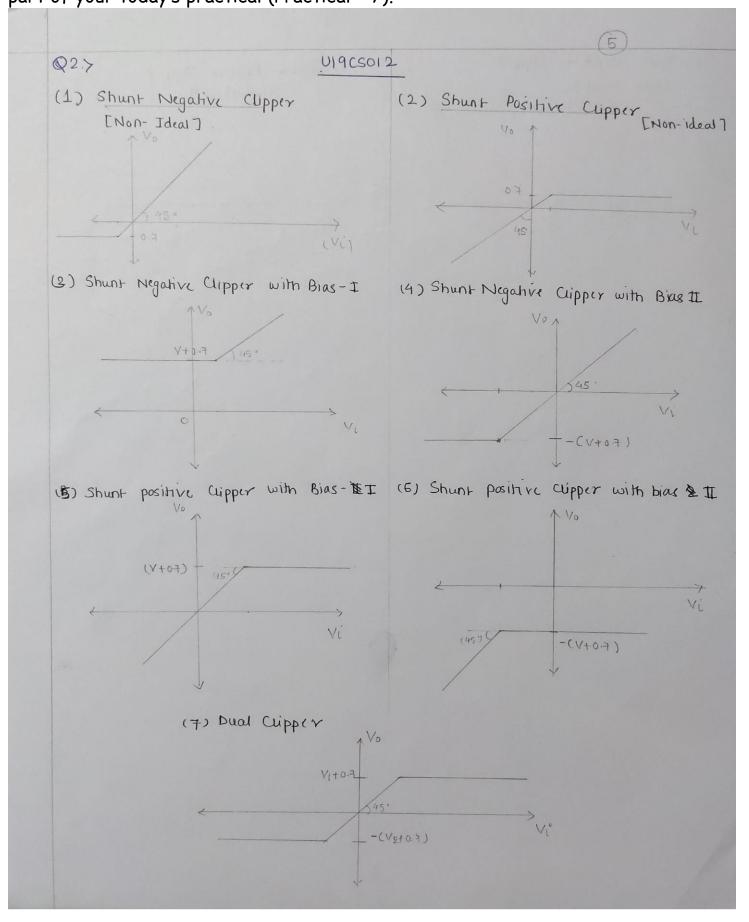




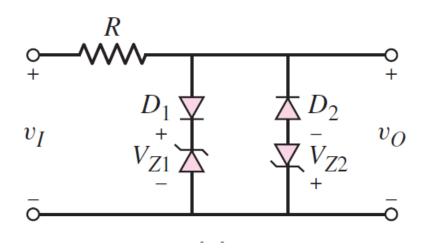




2. Draw the transfer characteristics for all the clipper configurations which are part of your today's practical (Practical - 7).



3. Assuming Symmetrical Sine wave input with peak value greater than the Zener reference voltage, predict the output and plot the Transfer Characteristics for the following Clipper Circuits:



A.) Multisim Calculations:

1.) Circuit Image:

