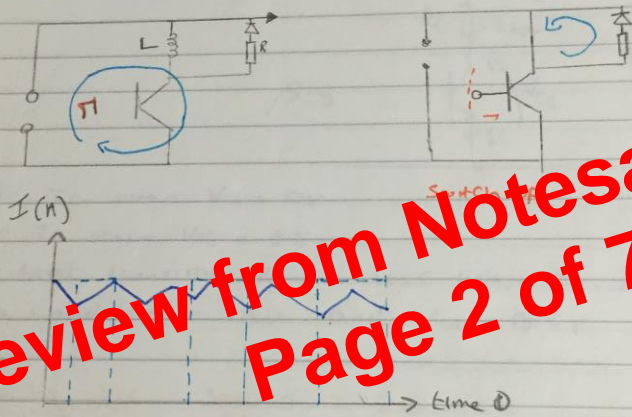


Transistor Switching circuit Turning ON, Turning OFF. Get Huge Voltages dropped across Transistor.
 The reverse biased diode (free wheeling) is used to keep the current flowing through "L"



Preview from Notesale.co.uk
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Inductive load current is smoothed. Then, the current path through the diode (D). When the transistor is turned off, the "D" is free wheeling.

Thus, while the current is free wheeling $V_{CE} > V_s$ (It is said to be clamped). To forward biased the diode "D".