Jules' Workshop

Standard

Unit 10 – QUESTIONS

Q1 Draw NPN and a PNP transistor naming the terminals.

Q2 Complete the table below.

	Symbol	Explanation
Collector current		
Base Current		
Emitter current		
Turn on voltage		

Q3 Draw the following diagrams for either NPN or PNP transistors. Include the characteristics of each configuration.

Common emitter

Common collector

Common base

Q4 What is a Darlington pair?

Q 5 What is the PIV?

Q 6 What is a diode and draw the symbol?

Q7 What is a Zener diode and how does it work?

Q8 What is the forward bias of a diode?

Q9 Draw a diode symbol and indicate the direction of current flow for a normal diode.

Q10 What is a Schottky diode and why are they used?

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