<table>
<thead>
<tr>
<th>Title</th>
<th>Points</th>
<th>Max Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title Page</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Lab Summary</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Overall Discussion / Conclusion</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Report Quality: Organization, Completeness, Conciseness</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td><strong>E1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discussion of Experiment (goals, setup, etc)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>(Part A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Measurements: Vpp, Vavg, Vrms</td>
<td>0.5</td>
<td></td>
</tr>
<tr>
<td>&quot;Are these measurements what you expected?&quot;</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Measurements: freq., period</td>
<td>0.5</td>
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</tr>
<tr>
<td>&quot;Which is more precise, the scope freq. or the generator freq.?&quot;</td>
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</tr>
<tr>
<td>(Part B)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Measurements: Vpp, Vavg, Vrms, freq, period</td>
<td>0.5</td>
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</tr>
<tr>
<td>&quot;Which quantities changed?&quot;</td>
<td>1</td>
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</tr>
<tr>
<td>&quot;Does changing the offset effect freq. or period?&quot;</td>
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<tr>
<td>(Part C)</td>
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<tr>
<td>Measurements: Vpp, Vavg, Vrms, freq, period</td>
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<tr>
<td>Comparison of values with those from (b)</td>
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<tr>
<td>&quot;What effect does tracking have on waveform?&quot;</td>
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<tr>
<td><strong>E2 and E3</strong></td>
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<tr>
<td>Discussion of Experiment (goals, setup, etc)</td>
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<tr>
<td>(Part A)</td>
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<tr>
<td>Measurements: freq. period, Vpp, Vavg, Vrms</td>
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<tr>
<td>&quot;Which quantities are/aren't independent of waveform?&quot;</td>
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<tr>
<td>&quot;Can all values be measured for all waveforms. If not, why?&quot;</td>
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<tr>
<td>Measurement obtained from volt meter</td>
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<tr>
<td>&quot;Which quantity (Vpp, Vavg, Vrms) is displayed on the volt meter?&quot;</td>
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<tr>
<td>(Part B)</td>
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<tr>
<td>Measurements: Vpp, Vavg, Vrms</td>
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<tr>
<td>Comparison of values with those from (a)</td>
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<tr>
<td>&quot;What do you expect with 80% duty cycle?&quot;</td>
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<tr>
<td><strong>E4</strong></td>
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<tr>
<td>Discussion of Experiment (goals, setup, etc)</td>
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<tr>
<td>&quot;How do you display more than one period?&quot;</td>
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<tr>
<td>Discussion of how changing sawtooth freq. effects output</td>
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<tr>
<td>Parameters resulting in the desired Lissajous curve</td>
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<tr>
<td>Discussion of Lissajous curves</td>
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<tr>
<td><strong>E5</strong></td>
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<tr>
<td>Discussion of Experiment (goals, setup, etc)</td>
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<tr>
<td>Resistor pairing measurements</td>
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<tr>
<td>&quot;What do you conclude about measurements?&quot;</td>
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<tr>
<td>Measurements from provided circuit</td>
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<tr>
<td>&quot;What is the range of the total resistance?&quot;</td>
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<tr>
<td>&quot;What do you conclude about this circuit? What could it be used for?&quot;</td>
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<tr>
<td><strong>E6</strong></td>
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<tr>
<td>Discussion of Experiment (goals, setup, etc)</td>
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<tr>
<td>Discussion of the predicted voltage between nodes A,B</td>
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<tr>
<td>Calculated noise magnitude</td>
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<tr>
<td>Discussion of scope triggers and how they work / why they are useful</td>
<td>1</td>
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<tr>
<td><strong>Total</strong></td>
<td>50</td>
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