

The diagram shows a hand-drawn circuit for an SM800L module. Key components and connections include:

- SM800L Module:** A central rectangular component with pins labeled *Rx*, *Tx*, *GND*, *5V*, and *VDD*. A label "SM 800L" is written inside the module box.
- Power Supply:** A box labeled "POWER SUPPLY" providing "5V ~ 2A". It is connected to the module's *5V* pin (red wire) and *GND* pin (blue wire). A capacitor labeled "1000µF/10V" is connected across the supply lines.
- Antenna:** A coil and a cone-shaped antenna are connected to the module via a small square component.
- Left-side Circuit:** Includes a 3V battery, a 10k resistor, a 390 resistor, and a diode. It is connected to the module's *Rx* (green wire) and *Tx* (yellow wire) pins. A 4A label is near the connection point.
- Bottom-right Circuit:** A voltage divider consisting of a 1k resistor and a 2k resistor connected to a 3V battery. The output is labeled *Rx*.
- Other Labels:** "led on", "led off", "RSR", "VDD", and "5V" are also present in the diagram.

