## 2.1.1: Temperature Measurement System (50 points total)

1. In the space below, provide your preliminary design from pre-lab. Include your estimate of output voltage at room temperature and output voltage variation resulting from specified temperature variation. Compare the expected results vs. specified performance. (15 pts)
2. Provide the measured thermistor resistance at room temperature; compare this value with data used in pre-lab to design circuit. Design changes resulting from measured thermistor response. (7 pts)
3. Actual resistance values used in implementation of circuit. (3 pts)
4. Measured circuit voltage response. Discuss your results, especially the measured performance vs. the design requirements. (15 pts)
5. **DEMO**: Have a teaching assistant initial this sheet, indicating that they have observed your circuits’ operation. (10 pts)

**TA Initials: \_\_\_\_\_\_\_**