

Lab 8 Grading Sheet

NAME: _____

Low Pass Filter

1. What is the maximum gain you have achieved and at what frequency?

Max Gain (pass band):_____, Frequency: _____,

2. What frequency does -3dB gain occur at?

Cut off frequency (low pass):_____,

3. At what frequency does the filter provide no gain to the signal?

Gain:_____, Frequency: _____,

High Pass Filter

4. What is the maximum gain you have achieved and at what frequency?

Max Gain (pass band):_____, Frequency: _____,

5. What frequency does -3dB gain occur at?

Cut off frequency (high pass):_____,

6. At what frequency does the filter provide no gain to the signal?

Gain:_____, Frequency: _____,

Band Pass Filter

7. Bandwidth:_____

8. Q factor:_____

9. Damping Factor:_____

- 10. TA Check off (Band Pass filter) _____**

ECG Signal from Function Generator

11. TA Check off _____

ECG Signal from patients

12. TA Check off _____