Lab 5, Prelab Grading Sheet

Answer the following questions related to the Background section of this lab.

1. What are the two values used to give a measure of blood pressure?

2. Describe briefly what happens to the blood in an artery when blood pressure is measured.

3. What would be considered normal ranges of blood pressure?

4. What would cause reaction times to oral and visual cues to differ?
Exercise 1: Blood pressure measurements

Patient 1
Step 31: voltage at 20mmHg:__________
voltage at 40mmHg:__________
voltage at 80mmHg:__________

mmHg/Volts:__________________
Step 37: TA check off:_____________
Step 48: Systolic pressure: ________
Step 49: Diastolic pressure: __________
Step 50: TA check off: __________
Step 56: Stethoscope beat sound re-appears:____________
Step 57: Stethoscope beat sounds loudest:__________
Do the pressure readings in steps 47, 48 and 56, 57 match?

Patient 2
Step 31: voltage at 20mmHg:__________
voltage at 40mmHg:__________
voltage at 80mmHg:__________

mmHg/Volts:__________________
Step 37: TA check off:_____________
Step 48: Systolic pressure: ________
Step 49: Diastolic pressure: __________
Step 50: TA check off: __________
Step 56: Stethoscope beat sound re-appears:____________
Step 57: Stethoscope beat sounds loudest:__________
Do the pressure readings in steps 47, 48 and 56, 57 match?
Exercise 2: Auditory and Visual Reflexes

<table>
<thead>
<tr>
<th></th>
<th>Subject #1 Reaction Time</th>
<th>Subject #2 Reaction Time</th>
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</thead>
<tbody>
<tr>
<td>Unpredictable Oral Cue</td>
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<tr>
<td>Predictable Oral Cue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unpredictable Visual Cue</td>
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</tbody>
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How does the reaction time to the predictable oral cue compare to the reaction time to the unpredictable oral cue? Why could this be?

How does the reaction time to the unpredictable visual cue compare to the reaction time to the unpredictable oral cue?