Review Sheet 2

Directions: Prepare a word-processed document containing answers to the following questions. This assignment is due Wednesday, April 21st at the beginning of lab. Late and/or untyped submissions will not be accepted for any reason. No exceptions.

1. Use the anatomical terms below to complete the following statements.

   ventral           inferior
   superior          dorsal
   medial            anterior
   lateral           posterior

   a) The heart is ____________ to the diaphragm.

   b) The heart is __________ to the lungs.

   c) The spinal cord is ________________ to the brain.

2. The following data was collected from two students using the two point discrimination test.

<table>
<thead>
<tr>
<th>Area tested</th>
<th>Student A</th>
<th>Student B</th>
</tr>
</thead>
<tbody>
<tr>
<td>forearm</td>
<td>1.3 cm</td>
<td>1.3 cm</td>
</tr>
<tr>
<td>back of thigh</td>
<td>2.9 cm</td>
<td>3.4 cm</td>
</tr>
<tr>
<td>palm of hand</td>
<td>0.4 cm</td>
<td>0.3 cm</td>
</tr>
<tr>
<td>shoulder</td>
<td>1.5 cm</td>
<td>2.1 cm</td>
</tr>
</tbody>
</table>

   a) Which location of the body listed above has the greatest receptor density? (More receptor cells per unit area)

   b) Which location of the body has the lowest receptor density? (Fewer receptor cells per unit area)

3. What is a ventricle of the brain?

4. In the heart, which ventricle wall is thicker, right or left? Why?

5. Which blood vessels have valves that prevent the back-flow of blood? Why?

---

Not required for review sheet but you should be able to identify the following anatomical structures in a preserved rat and on the human torso model.

   lung
   large intestine
   stomach
   heart
   spleen
   bladder
   liver
   diaphragm
   small intestine