
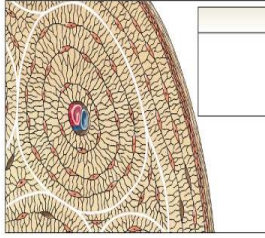
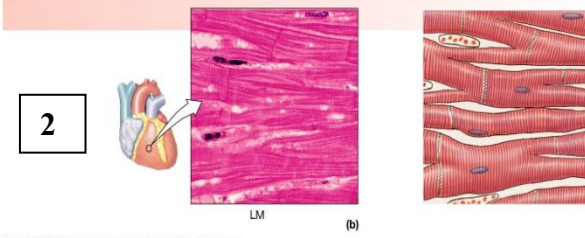
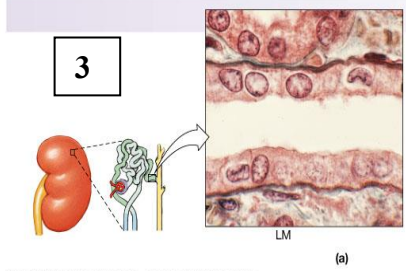
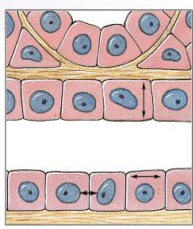
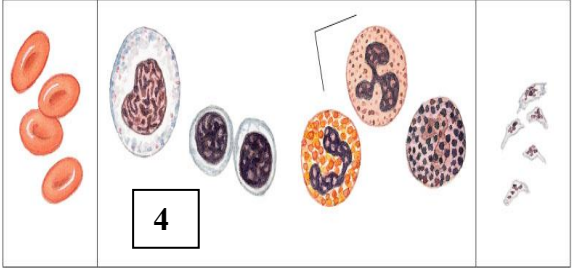
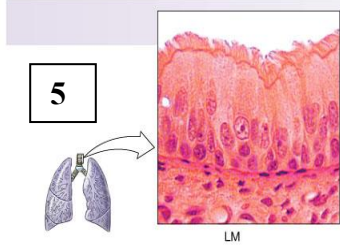
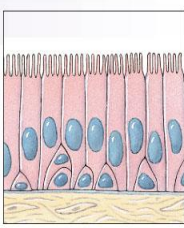
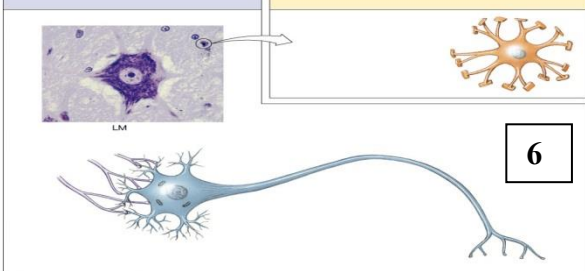
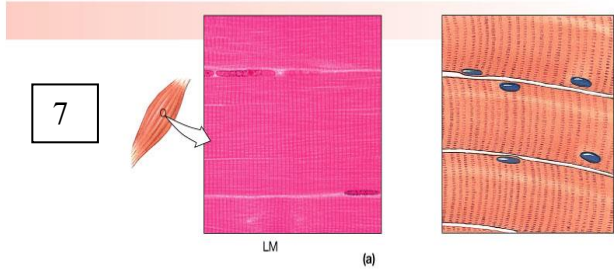

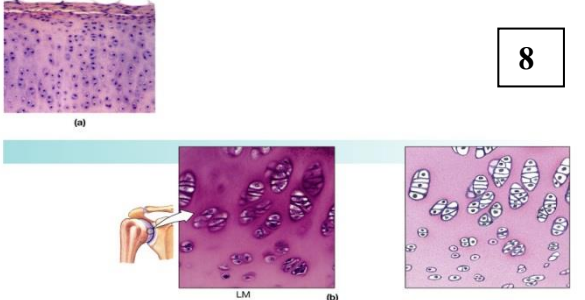
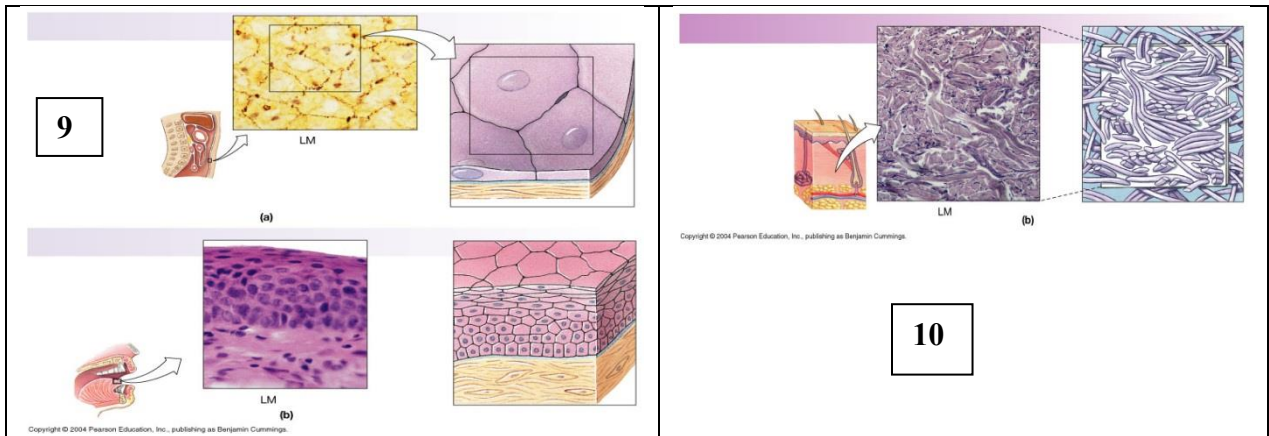


Explain and identify the following tissue types:

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div style="position: absolute; top: 228px; left: 300px; border: 1px solid black; padding: 2px; width: 30px; height: 30px; text-align: center; line-height: 30px;">1</div>  <p style="font-size: small;">Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.</p> |  <div style="position: absolute; top: 228px; left: 560px; border: 1px solid black; padding: 2px; width: 30px; height: 30px; text-align: center; line-height: 30px;">2</div> <p style="text-align: center;">LM (b)</p> <p style="font-size: small;">Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.</p> |
|  <div style="position: absolute; top: 334px; left: 180px; border: 1px solid black; padding: 2px; width: 30px; height: 30px; text-align: center; line-height: 30px;">3</div> <p style="text-align: center;">LM (a)</p>  <p style="text-align: center;">LM (b)</p> <p style="font-size: small;">Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.</p> |  <div style="position: absolute; top: 404px; left: 630px; border: 1px solid black; padding: 2px; width: 30px; height: 30px; text-align: center; line-height: 30px;">4</div> <p style="font-size: small;">Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.</p> |
|  <div style="position: absolute; top: 490px; left: 170px; border: 1px solid black; padding: 2px; width: 30px; height: 30px; text-align: center; line-height: 30px;">5</div> <p style="text-align: center;">LM (b)</p>  <p style="font-size: small;">Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.</p> |  <div style="position: absolute; top: 520px; left: 860px; border: 1px solid black; padding: 2px; width: 30px; height: 30px; text-align: center; line-height: 30px;">6</div> <p style="text-align: center;">LM</p> <p style="font-size: small;">Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.</p> |
|  <div style="position: absolute; top: 640px; left: 170px; border: 1px solid black; padding: 2px; width: 30px; height: 30px; text-align: center; line-height: 30px;">7</div> <p style="text-align: center;">LM (a)</p>  <p style="text-align: center;">LM (b)</p> <p style="font-size: small;">Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.</p> |  <div style="position: absolute; top: 610px; left: 850px; border: 1px solid black; padding: 2px; width: 30px; height: 30px; text-align: center; line-height: 30px;">8</div> <p style="text-align: center;">LM (a)</p> <p style="text-align: center;">LM (b)</p> <p style="font-size: small;">Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.</p> |



| No | Tissue Type |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Bone Tissue- osteocytes are present which are cells that are found in bones, and are highly vascularized. |
| 2 | Cardiac Muscle Tissue- the diagram indicates the sample comes from the heart. In addition sample appears to be long and branched with striations. |
| 3 | Simple Cuboidal Epithelium Tissue- cells have a cube-like structure and are seen to be in one single layer. |
| 4 | Fluid Connective Tissue- Found in blood cells, red and white blood cells found in fluid matrix |
| 5 | Pseudostratified Columnar Epithelium- Looks as if it is stratified but is actually simple. Has a single layer is irregular columnar cells. |
| 6 | Nervous Tissue- Has neuron cells, visible nucleoli, one axon, large soma, and many dendrites |
| 7 | Skeletal Muscle Tissue- There is a visible nucleus and linear striations. |
| 8 | Hyaline Cartilage Tissue- has fine and tightly placed collagen fibers |
| 9 | A) Simple Squamous Epithelium- Has single layer of flat shaped cells in contact with basal lamina B) Striated Squamous Epithelium- Flattened cells seen to be in layers on the basal lamina |
| 10 | Dense Irregular Tissue- Non-parallel fibers and collagen fiber bundles |