7. Figure 5–2A is a midlevel, cross-sectional view of the diaphysis of the femur. Label the membrane that lines the cavity and the membrane that covers the outside surface.

Figure 5–2B is a drawing of a longitudinal section of the femur. Color the bone tissue gold. Do not color the articular cartilage; leave it white. Select different colors for the bone regions listed at the coding circles below. Color the coding circles and the corresponding regions on the drawing. Complete Figure 5–2B by labeling compact bone and spongy bone.

- Diaphysis
- Epiphyseal plate
- Area where red marrow is found
- Area where yellow marrow is found

![Diagram of femur]

**Figure 5–2**

**AXIAL SKELETON**

**Skull**

8. Using key choices identify the bones indicated by the following descriptions. Enter the appropriate term or letter in the answer blanks.

**Key Choices**

<table>
<thead>
<tr>
<th>A. Ethmoid</th>
<th>E. Mandible</th>
<th>I. Palatines</th>
<th>L. Temporals</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Frontal</td>
<td>F. Maxillae</td>
<td>J. Parietals</td>
<td>M. Vomer</td>
</tr>
<tr>
<td>C. Hyoid</td>
<td>G. Nasals</td>
<td>K. Sphenoid</td>
<td>N. Zygomatic</td>
</tr>
<tr>
<td>D. Lacrimals</td>
<td>H. Occipital</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Forehead bone
2. Cheekbone
3. Lower jaw
4. Bridge of nose
5. Posterior part of hard palate
6. Much of the lateral and superior cranium
7. Most posterior part of cranium
8. Single, irregular, bat-shaped bone, forming part of the cranial floor
9. Tiny bones, bearing tear ducts
10. Anterior part of hard palate
11. Superior and middle nasal conchae formed from its projections
12. Site of mastoid process
13. Site of sella turcica
14. Site of cribriform plate
15. Site of mental foramen
16. Site of styloid process
17. Four bones, containing paranasal sinuses
18. Four bones, containing paranasal sinuses
19. 
20. 
21. Its condyles articulate with the atlas
22. Foramen magnum contained here
23. Middle ear found here
24. Nasal septum
25. Bears an upward-protrusion, the "cock's comb," or crista galli