Dissection Practicum Practice

Question about the Rat:

1. Draw the rat: Label Cranial, dorsal, posterior, ventral, posterior, anterior
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ d. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why are specimens packed in formaldehyde type solutions?
2. Why do we use something like a rat to learn about humans body systems? (list 3 reasons)
3. List the classification starting with Kingdom and ending with species.
4. What does double injected mean?
5. List the 2 themes of this dissection
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. The rat is classified in the phylum Chordata. What does that mean they have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. What kind of cut is Figure 1 showing?
   1. Horizontal b. transverse (cross-section) c. sagittal d. anterior

For the terms below, write the function of each

Go Around to each rat on the tables. Can you locate the following:

**External Anatomy**CranialCaudalDorsalPinnaeAnusVaginal OrificeUrethral OrificeNarisVibrissae Mammary Papilla

**Digestive System**Diaphragm  
Liver  
Spleen  
Esophagus  
 Stomach  
duodenum of SI  
Jejunum of SI   
ileum of SI  
Mesentery  
Cecum   
Large intestine  
fat

**Urogenital System**Kidneysrenal arteryRenal VeinUreter  
Urinary bladderUrethraPenisTestesSeminal vesicleProstateEpididymisOvariesDuplex type Uterus

**Thoracic Cavity**atrium of Heart  
ventricle of heart  
 Lungs  
Trachea  
 Vena Cava  
 Aortapulmonary arterysuperior vena cavainferior vena cava