

NERVOUS SYSTEM AND SENSORY ANATOMY
REVIEW: VERTEBRATE ANATOMY I

A. HISTOLOGY: Be able to identify the following:

- Epithelial Tissues -
1. Simple squamous epithelium
 2. Cuboidal epithelium
 3. Columnar epithelium

Sequestering Connective Tissue -

1. Adipose tissue

- Muscle Tissue -
1. Smooth muscle
 2. Skeletal muscle
 3. Cardiac muscle

B. EXTERNAL ANATOMY OF THE RAT: Body planes, orientations, features that help you to distinguish between male and female rats (refer to pp. 479 - 480).

C. INTERNAL ANATOMY: Be able to identify and know the function of the following:

1. Salivary glands - sublingual, submaxillary, parotid
2. Thyroid gland
3. Trachea
4. Larynx
5. Esophagus
6. Thoracic and Abdominal cavities
7. Heart: atria, ventricles, pericardium
8. Thymus gland
9. Lungs
10. Peritoneum
11. Liver
12. Stomach - cardiac and pyloric sphincters
13. Spleen
14. Pancreas
15. Small intestine
16. Large intestine - cecum, rectum