**Bio 135 Anatomy Labs:**

**Respiratory Anatomy Lab:**

Be able to identify the structures below on the models provided in lab. See key next page.



**Key to Respiratory Model**

|  |  |
| --- | --- |
| **A.**  | **Larynx**  |
| **B.**  | **Trachea**  |
| **C.**  | **Right Lung**

|  |  |
| --- | --- |
| **a.**  | **superior lobe**  |
| **b.**  | **middle lobe**  |
| **c.**  | **inferior lobe**  |

 |
| **D.**  | **Left Lung**

|  |  |
| --- | --- |
| **d.**  | **superior lobe**  |
| **e.**  | **inferior lobe**  |

 |
| **E.**  | **Right Primary Bronchus**  |
| **F.**  | **Left Primary Bronchus**  |
| **G.**  | **Secondary Bronchi**  |
| **H.**  | **Diaphragm**  |
| **I.**  | **Hilus Region (Hilum)**  |
|  |  |

 **Digestive system Anatomy lab:**

Be able to identify the indicated structures (following page) on our lab models:



H. **Digestive System Model Key**

1. Tooth

2. Tongue

3. Hard palate

4. Soft palate

a. Uvula

5. Pharynx

6. Esophagus

7. Stomach

a. Cardiac sphincter

b. Fundus

e. Pyloric sphincter

8. Duodenum (first part of small intestine)

9. Pancreas (pancreatic duct - white lines through center

of pancreas)

10. Spleen

11. Gallbladder

12. Liver

13. Small Intestine

(8. Duodenum)

a. Jejunum

b. Ileum

14. Ileocecal junction

15. Large intestine (Colon)

a. Ascending colon

b. Transverse colon

c. Descending colon

d. Cecum

e. Vermiform appendix

16. Rectum

**Nervous system anatomy:**

Be able to identify the following structures on a Brain Model:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1.  | Frontal Lobe  |  | 23.  | Pineal Gland  |
| 2.  | Parietal Lobe  |  | 24.  | Optic Chiasma  |
| 3.  | Occipital Lobe  |  | 25.  | Pituitary Gland  |
| 4.  | Temporal Lobe  |  | 32.  | Midbrain (along with 30 & 31)  |
| 5.  | Central Sulcus  |  | 35.  | Cerebellar Hemisphere  |
| 6, 7.  | Gyrus (Convolution)  |  | 35d.  | Arbor Vitae  |
| 10.  | Corpus Callosum  |  | 36.  | Pons  |
| 15.  | Parieto-occipital Sulcus  |  | 37.  | Medulla Oblongata  |
| 16.  | Transverse Fissure  |  | I.  | Olfactory Nerve  |
| 19.  | Thalamus  |  | II.  | Optic Nerve |
| 20.  | Hypothalamus  |  |  |  |
|  |  |  |  |  |

