

Required Terms for Human A&P Lab

I. Respiratory System

A. Pharynx

1. Nasopharynx
2. Oropharynx
3. Laryngopharynx
4. Pharyngotympanic tube

B. Larynx

1. Thyroid cartilage
2. Cricoid cartilage
3. Arytenoid cartilage
4. Epiglottis
5. Vocal Fold
6. Vestibular Fold

C. Trachea

D. Lung - gross

1. R&L Superior Lobe
2. R&L Inferior Lobe
3. Middle Lobe
4. Horizontal Fissure
5. Oblique Fissures

E. Lung - Histo & Model

1. Bronchiole
2. Respiratory Bronchiole
3. Alveolar Duct
4. Alveolus
5. Alveolar Sac

II. Digestive System (Ex. 38)

A. Salivary Glands

1. Parotid Gland
2. Sublingual Gland
3. Submandibular Gland

B. Teeth

1. Incisors
2. Canines
3. Premolars
4. Molars

C. Esophagus (recognize on all models)

D. Stomach

1. Gross Anatomy
 - a. Greater Omentum
 - b. Lesser Omentum
 - c. Cardiac Region
 - d. Fundus
 - e. Body
 - f. Pyloric Region
 - g. Pyloric Sphincter
 - h. Greater Curvature
 - i. Lesser Curvature
 - j. Ruggae
2. Histology
 - a. Serosa
 - b. Muscularis Externa

i. Outer Longitudinal Layer

ii. Middle Circular Layer

iii. Innermost Oblique Layer

c. Submucosa

d. Mucosa

i. Simple Columnar Epithelium

ii. Gastric Pit

iii. Gastric Glands

iv. Lamina Propria

v. Muscularis Mucosa

E. Small intestine

1. Segments

a. Duodenum

b. Jejunum

c. Ileum

2. Plicae Circulares (Circular Folds)

3. Mesenteries

4. Histology

a. Simple Columnar Epithelium (with microvilli)

b. Lamina Propria

c. Villi

d. Intestinal Crypts

e. Muscularis Mucosa

f. Submucosa (note plicae)

g. Duodenal Glands (in duodenum only)

h. Muscularis Externa

i. Outer Longitudinal

ii. Inner Circular

F. Large Intestine

1. Haustra

2. Taenia Coli

3. Cecum

4. Appendix

5. Ascending Colon

6. Transverse Colon

7. Descending Colon

8. Sigmoid Colon

9. Histology

a. Simple Columnar Epithelium *with many goblet cells*

b. Intestinal Crypts

c. Submucosa

d. Serosa

G. Rectum

H. Anal Canal

1. Internal Anal Sphincter

2. External Anal Sphincter

I. Pancreas

J. Liver

1. Lobes

a. Left

- b. Right
 - c. Caudal
 - d. Quadrate
 - 2. Gall bladder
 - 3. Blood Vessels
 - a. Hepatic Artery
 - b. Hepatic Vein
 - c. Hepatic Portal Vein
 - 4. Bile Ducts
 - a. left hepatic duct
 - b. right hepatic duct
 - c. common hepatic duct
 - d. cystic duct
 - e. common bile duct
 - 5. Histology
 - a. hepatic lobules
 - b. portal triads
 - i. portal arteriole
 - ii. portal venule
 - iii. bile duct
 - c. central vein
 - d. sinusoids
- III. Urinary System (Ex. 40)
- A. Kidneys
1. Capsule
 2. Renal Artery
 3. Renal Vein
 4. Renal Pelvis
 5. Major calyx
 6. Minor calyx
 7. Cortex
 8. Medulla
 - a. Renal Pyramids
 - b. Renal Columns
 9. Vessels
 - a. Segmental Arteries and Veins
 - b. Interlobular arteries and veins
 - c. Arcuate arteries and veins
 10. Histology (and large-scale models)
 - a. Nephron
 - i. Glomerular capsule
 - ii. glomerulus
 - iii. Proximal Convoluted Tubules (look for microvili)
 - iv. Loop of Henle
 - v. Distal Convoluted Tubule
 - vi. Collecting Duct
 - b. Vessels (in models only)
 - i. afferent arteriole
 - ii. efferent arteriole
 - iii. vasa recta
- B. Ureters
- C. Urinary Bladder
1. Trigone
 2. Neck
 3. Histology

- a. Transitional Epithelium
 - b. Detrusor Muscle
 - c. Adventitia
- D. Urethra
1. Female urethra has only one segment
 2. male urethra has three segments
 - a. prostatic urethra
 - b. membranous urethra
 - c. spongy urethra
- IV. Reproductive System
- A. Male Anatomy
1. scrotum
 2. testis
 - a. tunica albuginea
 - b. seminiferous tubules
 - c. interstitial cells
 - d. rete testis
 3. Epididymus
 4. Spermatic Cord
 - a. Vas (ductus) deferens
 - b. (also note blood vessels and nerves)
 5. Ampulla
 6. Seminal Vessicle
 - a. immature sperm
 7. Ejaculatory Duct
 8. Prostate
 9. Urethra
 - a. prostatic urethra
 - b. membranous urethra
 - c. spongy urethra
 10. Penis
 - a. Corpora Caverosa
 - b. Corpus spongiosum
 - c. Prepuce
- B. Female Anatomy
1. Ovaries
 2. Uterine (Fallopian) Tube
 3. Uterus
 - a. Fundus
 - b. Body
 - c. Neck (Cervix)
 - d. Myometrium
 - e. Endometrium
 - f. Perimetrium
 4. Suspensory Ligament (Of ovaries)
 5. Round Ligament (Of Uterus)
 6. Broad Ligament
 7. Vagina
 8. Labia Majora
 9. Labia Minora
 10. Clitoris
 - a. Prepuce
 11. Urethra orifice
 12. Vaginal Orifice
 - a. Hymen (often ruptured by teen age)