

Top 10 202a

Quiz 1

1. Know your hormone classes: paracrine, autocrine, endocrine, exocrine, protein, steroid.
2. Histology of the thyroid with hormone produced by cells types.
3. Histology of the adrenal gland, zones, and secretions.
4. What are the body's responses to long term vs short term stress
5. What germ layer does the anterior pituitary develop from?
6. Know the anatomy of the pituitary and what hormones are made in each region.
7. Know the causes and effects of goiter.
8. Study up vs down regulation
9. Know the white blood cells by type and function. Be able to recognize them visually or in verbal description.
10. Know the development of white blood cells, ie what is/are the precursors to neutrophils?
11. Know the components of blood
12. Know the clotting factors and what they do.
13. What can be considered the main soldiers of the immune system?
14. What formed elements of the blood are removed by the spleen?
15. What nerves are cut during a heart transplant that result in a faster resting heart rate?
16. What remnant of fetal circulation is visible in an adult heart?
17. Know the parts of the heart inside and out
18. Know the physiology of heart contraction

Quiz 2

1. How does aging effect cardiovascular output?
2. Know terms like: stroke volume, cardiac output, cardiac reserve, peripheral resistance, hypovolemic shock.
3. Know the layers of blood vessels.
4. Know what forces are responsible for moving blood through your body: ie what force pulls fluid back into capillaries.
5. Causes of increased resistance to blood flow
6. What do the temporal and common carotid arteries have in common?
7. Map the body's response to stimulation from baroreceptors.
8. Map and know the parts of a capillary bed.
9. Compare and contrast the different blood vessel types.
10. Know the tissue layers associated with blood vessels
11. Compare fetal circulation to adult
12. Be able to name the major vessels in the torso, leg and pelvis
13. Know the branches of the pulmonary trunk.
14. Know the category of hypertension drugs that lower blood pressure.
15. Map the major circulatory loops

Quiz 3

1. Know the major blood vessels of the body.

2. Know the parts of the capillary bed
3. Know the types of capillaries and their functions
4. What vessels is used to measure wrist pulse?
5. What factors effect blood viscosity and blood volume?
6. What is the normal response to hypovolemic shock?
7. Know the lymph vessels and main ducts
8. What action makes microbes susceptible to phagocytosis?
9. What is the function of the spleen
10. What do interferons do and what intensifies them?
11. What type of allergic reaction is the most common?
12. Know lymphatic drains by region.
13. What is the effect of stress on the immune system?
14. What is passive immunity, acquired immunity?

Quiz 4

1. Know the histology/ cell types of the digestive system and the secretions of each cells type
2. Know the tissue layers of the GI tract, ID and function
3. Know the parts of a tooth
4. Know the nerve plexus that control the GI tract motility
5. Anatomy of the stomach
6. Hormones and enzymes of the GI tract, location of production and action of compounds.
7. Which portion of the peritoneum is largely responsible for carrying blood and lymph>
8. What is the forerunner of the GI tract
9. Know the primary functions of each digestive organ.

Quiz 5

1. Know the parts of the filtering unit of the kidney, down to tissues and individual cell types.
2. Know the blood vessels/ flow through the filtering unit of the kidney
3. According to your book, what test is done to measure kidney function?
4. What hormone is released when blood volume increases
5. What occurs when a substance passes from the fluid in the tubular lumen through the apical membrane?
6. Know where things are absorbed, secreted and reabsorbed.
7. Know the parts of the kidney and the functions of each.
8. What is the specific gravity of normal urine in humans?
9. What is inflammation of the kidneys called?
10. Know the angiotensin system, how does it work?
11. What causes kidney stones and how they are treated.