

Top 10 202

Quiz 1

1. Review the germ layers responsible for things like skin, glands, bone etc...
2. Know your hormones- where they are made and what they do.
3. What's the protein based hormone made by the testes that inhibits FSH
4. What hormone counteracts PTH
5. What gland make hormones in response to long term stress
6. What conditions develop from hyper and hypo secretion of aldosterone
7. Know the zones of the adrenal gland (tissue)
8. Review thyroid histology and cell function
9. What hormone(s) is made in response to chemical changes in the blood?
10. What are the typical body responses to long term stress?
11. Know the blood types, antibody and antigens
12. Recognize white blood cells and connect them to illness- ie high numbers of type ___ means ___
13. What is a myeloid stem cell?
14. Why would a mother's immune system attack the baby?
15. What happens to you if you don't get enough b12 or folic acid?
16. Know the process of white blood cells moving from circulation.
17. Where do platelets come from?
18. What is a pluripotent stem cell, where does it come from?

Quiz 2

1. Know the parts of the heart, inside and out
2. Know the formation of endocardial tubes.
3. Function of the foramen ovale
4. Contractile rate of cardiac muscle v skeletal muscle fibers
5. Know the sequence of events in cardiac action potential
6. The connective tissue types and location within the heart, ie where do you find dense irregular connective tissue?
7. Know how to determine pulse pressure and mean arterial pressure.
8. Know blood flow from lower body to rt atrium
9. What hormone affect blood pressure?
10. During embryonic development, what tissue gives rise to blood vessels
11. Function of elastic arteries
12. What is the largest driving force for moving blood from interstitial spaces back to the capillaries?
13. Name the volume of blood circulating through systemic vessels per minute.
14. Know the parts of a capillary bed.

Quiz 3

1. Effects of aging on the immune system
2. What anti microbial substances reduce viral replication?
3. What stimulates an immune response only when its attached to a large carrier molecule?
4. Know passive v active immunity

5. Immune system cell types
6. Where do T cell die?
7. What kind of immunity do we get from vaccination?
8. What is MALT, what does it do?
9. Know your lymph organs/ vessels
10. Know the inflammatory response
11. What intensifies the effect on interferons
12. Anatomy and functions of regions within the spleen.
13. Chemicals that do and do not induce vasodilation
14. Class of cells macrophage, B cells and dendritic cells
15. Classes of antibodies with functions

Quiz 4

1. Know the organs of digestive system, name- function- possible disorders
2. Tissues layers of digestive tract with function. ie where is epithelium or areolar connective tissue
3. Hormones of the GI tract ie which hormone counteracts the effect of gastric juice?
4. Histology of the GI tract
5. Anatomy of intestines, stomach
6. What accessory organ produces fluid to soften food?
7. What is glycogenesis where/ why does it happen?
8. What is food thermogenesis?
9. What is the most abundant mineral in the body?
10. Where is the body's thermostat?
11. Know metabolism, anabolism and catabolism.
12. What is thyrotropin releasing hormone?
13. Parts of the nephron with function
14. Anorexia, starvation, or a diet too low in carbohydrates indicates which condition
15. An increase in permeability of the filtration membrane due to disease, injury, or irritation of kidney cells by substances such as bacterial toxins, ether, or heavy metals indicates which condition
16. What is normal urine output for an adult human?

Quiz 5

1. What mechanisms maintain ph of body fluids?
2. Study the buffering systems, for ph maintenance.
3. What happens when water loss is greater than water gain?
4. What is our most abundant cation?
5. What is the most common cause of respiratory acidosis?
6. What chemical in/ from our body is considered to be a volatile acid
7. What condition stems from a blood ph of 7.35?
8. What happens when RBC and blood plasma levels of CO₂ increase or decrease?
9. What is partial compensation, be able to explain it.
10. What is the major hormone that regulates water?
11. What is the breathing rate of an infant compared to an adult?

12. Know the organs of the male and female reproductive systems: name, location and function.
13. What ducts does the male reproductive system arise from?
14. Know the phases of the uterine cycle
15. Know the phases of sperm and egg development
16. Know the anatomy of the ovary and what's made/ done through each region during the ovarian cycle.
17. What is Menarche?
18. What is the theca interna?