

Bio 201- 201a midterm SG

Know/ review the following:

1. Imaging types and uses
2. Invasive v noninvasive
3. Anatomical terminology- ie anatomy, physiology
4. Regional terms
5. Planes
6. Body cavities by name and what organs can be found within a specific cavity
7. Abdominal pelvic regions and organs found each
8. Homeostasis, with an example of specific organs or organ systems involved.
9. Levels of organization in the body.
10. Membranes ie, parietal, visceral
11. Functions of secretion of a serous membrane
12. Directions terminology with application
13. Negative and positive feedback with examples
14. Characteristics of each organic molecule discussed
15. Proton donor v acceptor
16. Metabolism- anabolism v catabolism
17. Which protein provides a protective function against pathogens
18. Know the pH scale with examples.
19. Functions of SPONCH elements, along with those mentioned that are needed but in lesser amounts
20. Bonds: polar, ionic, covalent
21. Lipid that is the precursor to steroids
22. Functions of nucleic acids
23. Subatomic particles with charges.
24. Interactions of/with subatomic particles
25. Cell membrane structure
26. Cell transport: passive and active, endo-exo-transcytosis
27. Cell organelles: by site and by function
28. Cell division: by sight and by phase description
29. Osmotic environments: with examples
30. Tissue classification- ie loose connective tissue
31. Exocrine gland that releases substances by cell rupture
32. Components of extra cellular matrix in connective tissue
33. Characteristics of epithelial tissue
34. Recognize tissues from a location ie Trachea, kidney, glandular
35. Recognize tissue types cartilage v muscle v bone etc....
36. Bone anatomy down to the cellular level
37. Bone disorders discussed in the Chapter
38. Bone cell functions.
39. Bones of the skull and spine