

Bio 201-201a Final SG

Know and/or review the following:

1. Cranial and facial bones
2. Bone classification
3. Bones of the spine- parts of a vertebrae and movements
4. Hand and foot bones
5. Function of pelvis
6. Numbers of bones in each limb
7. Shoulder and pelvic girdle components
8. Parts of a tooth
9. Joints by type and movements
10. Sequence and structure involved in action potential
11. Sequence and structures involved in skeletal muscle contraction
12. Microscopic muscle anatomy: ie parts of sarcomere
13. Muscle fibers through whole muscle
14. Know the major muscles of the body: external oblique
15. Hand, forearm, leg muscles
16. How muscles are named with examples
17. Points of insertion v origin, be able to follow a muscle and locate each ie trapezius, pectoralis major
18. Back and facial muscles
19. Muscles that move the eye
20. Types of levers with examples
21. Glial cells in the nervous system
22. Parts of a neuron
23. Nervous system disorders
24. Structural classification of neurons
25. Wallerian degeneration
26. Neuronal circuits
27. Nerve cell channels with functions
28. Neurotransmitters
29. Anatomy of spinal cord with major nerves
30. Meninges: types, locations, functions
31. Brain anatomy: region and functions
32. Common brain disorders
33. Cranial nerves: location and functions
34. Neural pathways
35. Senses: eye, ear and skin