Somatic Senses
What is transduction and why is it important that receptors do it?
What are the 5 different classes of receptors (ex. mechanoreceptors, photoreceptors, temperature, etc.)?
What is the difference between interoreceptors and exteroreceptors and examples of each?
What type of receptors are meissner’s and pacinian corpuscles?
What receptor types are taste and smell receptors?
What causes motion sickness?

Special Senses
Know the structure of olfactory and taste receptor cells.
Know the structure of a taste bud?
What are the 3 different types of tongue papillae and which house taste buds?
Where are the different taste receptors concentrated on the tongue?
What is the organ of corti? What is its structure and its function?
What fluids are contained within the osseous and bony labyrinths?
Which nerve carries impulses to the brain from the cochlea and vestibule?
What are ceruminous glands and what do they secrete?
What is the mechanism of static equilibrium? Of dynamic equilibrium?
Where is information from balance receptors processed?
What is conduction deafness?
Know your eye and ear anatomy very well.
What are the three layers (tunics) that make up the eye wall and which structures comprise them?
What are the 6 extrinsic eye muscles and how does each move the eye?
What is the structure and function of the iris?
What is the significance of the cornea not having a blood supply?
What are rods and what is their function? What are cones and what is their function?
What are the pathways of nerve fibers from the optic nerve to the visual cortex?
In what part of the brain are visual stimuli processed and interpreted?
What is myopia? Hyperopia? Presbyopia?
What is the visible light spectrum?
What is refraction and why is it important to sight?