Homework / Misc. Assignment

I want to encourage you to answer ALL of the review questions found at the end of each chapter in the course manual. To do so will be to your own benefit. However, for this assignment I only want to see answers to three of the questions (questions 11, 12 and 13) from the question at the end of chapter 8 (Nervous System).

#11 Use the diagram below to illustrate the general course of somatic sensory pathways (question #11).

**Important Note:** You do not need to illustrate any specifically named pathways. Instead you should summarize the general characteristics of sensory pathways.

Identify each neuron by name, structural type & functional type. Describe the path of each neuron (paying attention to location of cell bodies, axons and synapses). Describe which neuron crosses over and where crossing over occurs.
#12 Use the diagram below to illustrate the **general course** of **somatic motor pathways** (question #12).

**Important Note:** You do not need to illustrate any specifically named pathways. Instead you should summarize the general characteristics of somatic motor pathways.

Identify each neuron by name, structural type & functional type. Describe the path of each neuron (paying attention to location of cell bodies, axons and synapses). Describe which neuron crosses over and where crossing over occurs.
#13 Use the diagram below to illustrate the **general course** of **autonomic pathways** (question#13).

**Important Note:** You do not need to illustrate any specifically named pathways. Instead you should summarize the general characteristics of parasympathetic and sympathetic autonomic pathways.

Identify each neuron by name & structural type. Describe the path of each neuron (paying attention to location of cell bodies, axons and synapses). Be sure to describe all 3 variations of the sympathetic system.