**Exercise 17 – Cranial nerves**

**Exercise 16 – Spinal cord and peripheral nerves**

1. Read and understand info on pgs 231-235 relating to cranial nerves and the diagram on Figure 17.14.
   1. You should be able to name all of the 12 pairs of cranial nerves and know which number they are (i.e., I, II, III, IV, etc…). You should also know their general function as listed on Table 17.3.
   2. You will NOT need to be able to identify the cranial nerves on the models or illustrations.
2. Read and understand info on pgs. 207-216, and know structures on Figures 16.1, 16.2, 16.4, 16.5, 16.6.
   1. You should also be able to identify the structures from Figure 16.2 on the plastic spinal cord models. You should also understand how the neural fibers are organized into spinal nerves and what branches come off the spinal nerves:
      1. Dorsal and ventral roots
      2. Dorsal root ganglion
      3. Spinal nerve
      4. Dorsal, ventral, communicating rami
3. Spinal nerves and plexuses
   1. Read and understand info on pages 210-216 and Table 16.1.
   2. Know which roots make up each plexus (i.e., C1-C5 contribute to cervical plexus)
      1. CERVICAL
      2. BRACHIAL
      3. LUMBAR
      4. SACRAL
4. Specific nerves:
   1. Using Figures 16.8, 16.9, 16.10, 16.11, you should be able to identify:
      1. Lateral, posterior, medial cords of brachial plexus
      2. Radial nerve
      3. Axillary nerve
      4. Musculocutaneous nerve
      5. Median nerve
      6. Ulnar nerve
      7. Radial nerve
      8. Femoral nerve
      9. Sciatic
      10. Common fibular (peroneal)
          1. Superficial branch
          2. Deep branch
      11. Tibial