**Central Nervous System**

**Chapters 13 and 14**

1. **Function and Organization**
2. **Function**
3. **Divisions**
4. **Central Nervous System (CNS)**
5. **Peripheral Nervous System (PNS)**
6. **Sensory Division**
7. **Motor Division**
8. **Somatic motor division**
9. **Visceral motor division (Autonomic Nervous System)**
10. **Sympathetic Division**

1. **Parasympathetic Division**
2. **Central Nervous System**
3. **Spinal Cord**
4. **Functions**

**Conduction ­**

**Integration**

**Locomotion**

**Reflexes**

1. **Surface Anatomy**

**Regions**

**Enlargements**

**Cauda Equina**

**Meninges**

1. **Dura Mater**
2. **Arachnoid Mater**
3. **Pia Mater**
4. **Cross-Sectional Anatomy**

* 1. **White Matter**
  2. **Gray Matter**

1. **Spinal Nerves**
2. **Brain**
3. **Meninges**
4. **Ventricles**
5. **Regions**
6. **Brain Stem**
7. **Medulla Oblongata**

**ii.** **Pons**

1. **Midbrain**
2. **Cerebellum**
3. **Diencephalon**
4. **Thalamus** 
   * 1. **Hypothalamus**

1. **Cerebrum**
2. **Frontal**
3. **Parietal**
4. **Occipital**
5. **Temporal**

1. **Insula**