

1. Describe the arterial supply and venous drainage of the heart. (15%)
2. The thigh muscles are organized into three (anterior, medial, and posterior) compartments by intermuscular septa. Among them, the anterior thigh muscles are responsible for the flexion of the hip and extension of the knees. Please the origins, insertions, innervations, and the main actions of the anterior compartment muscles. (15%)
3. Compare and contrast the sympathetic and parasympathetic nervous systems. (15%)
4. A characteristic clinical sign of radial nerve injury is wrist-drop (inability to extend the wrist and the digits at the metacarpophalangeal joints. Please explain the underlying anatomical mechanism. (15%)
5. Please draw a diagram of "circle of Willis". (15%)
6. Describe the structure of a kidney. Please include the nerve innervation and blood supply. (10%)
7. Please define the following terms: (15%)
 - (1) sagittal section
 - (2) proximal
 - (3) inversion
 - (4) opposition
 - (5) protrusion