

Chamberlain University College of Nursing

BIOS 252: Anatomy and Physiology II

Professor Horn

Week 2: Nervous System Lab Report

1. List the components of the central nervous system vs the peripheral nervous system. (1 point; ½ point each)

CNS: The brain, brain stem, and the spinal cord. To specify the spinal cord, the medulla, the pons, the cerebellum, the midbrain, the diencephalon, and the cerebral hemispheres

PNS: Peripheral nerves, neuromuscular junctions, cranial nerves, and spinal nerves.

2. Compare and contrast the following parts of the peripheral NS utilizing the chart: (3 points; 1/2 point each)

	Control (Voluntary or Involuntary)	Effector Organs
Somatic NS	Voluntary	Skeletal muscles
Autonomic NS	Involuntary	Cardiac muscle, smooth muscles, glands
Enteric NS	Involuntary	Gastrointestinal tract (esophagus, stomach, intestines)