INTRODUCTION to the NERVOUS SYSTEM

NERVOUS SYSTEM
1. CENTRAL NERVOUS SYSTEM
   BRAIN
   SPINAL CORD

2. PERIPHERAL NERVOUS SYSTEM
   SOMATIC NERVOUS SYSTEM
   SENSORY & MOTOR NERVES
   Skeletal muscles

   AUTONOMIC NERVOUS SYSTEM
   SENSORY NERVES
   MOTOR NERVES
   SYMPATHETIC NERVOUS SYSTEM
   PARASYMPATHETIC NERVOUS SYSTEM
   Smooth muscles, glands, cardiac muscle (heart)

Miscellaneous:
Brain weighs about 1,350 grams (= 3 pounds)
   Range 1,000 – 2,000 grams
   IQ does NOT correlate with wt. within normal range
Meninges (DURA MATER, ARACHNOID, PIA MATER, SUBARACHNOID SPACE)
VENTRICLES, CENTRAL CANAL
CEREBROSPINAL FLUID