

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