

CEREBRUM (cerebral cortex)

-LARGEST PART OF THE BRAIN

-CEREBRAL HEMISPHERES

-HIGHER THOUGHT PROCESSES :

language, learning, memory, and voluntary body movements

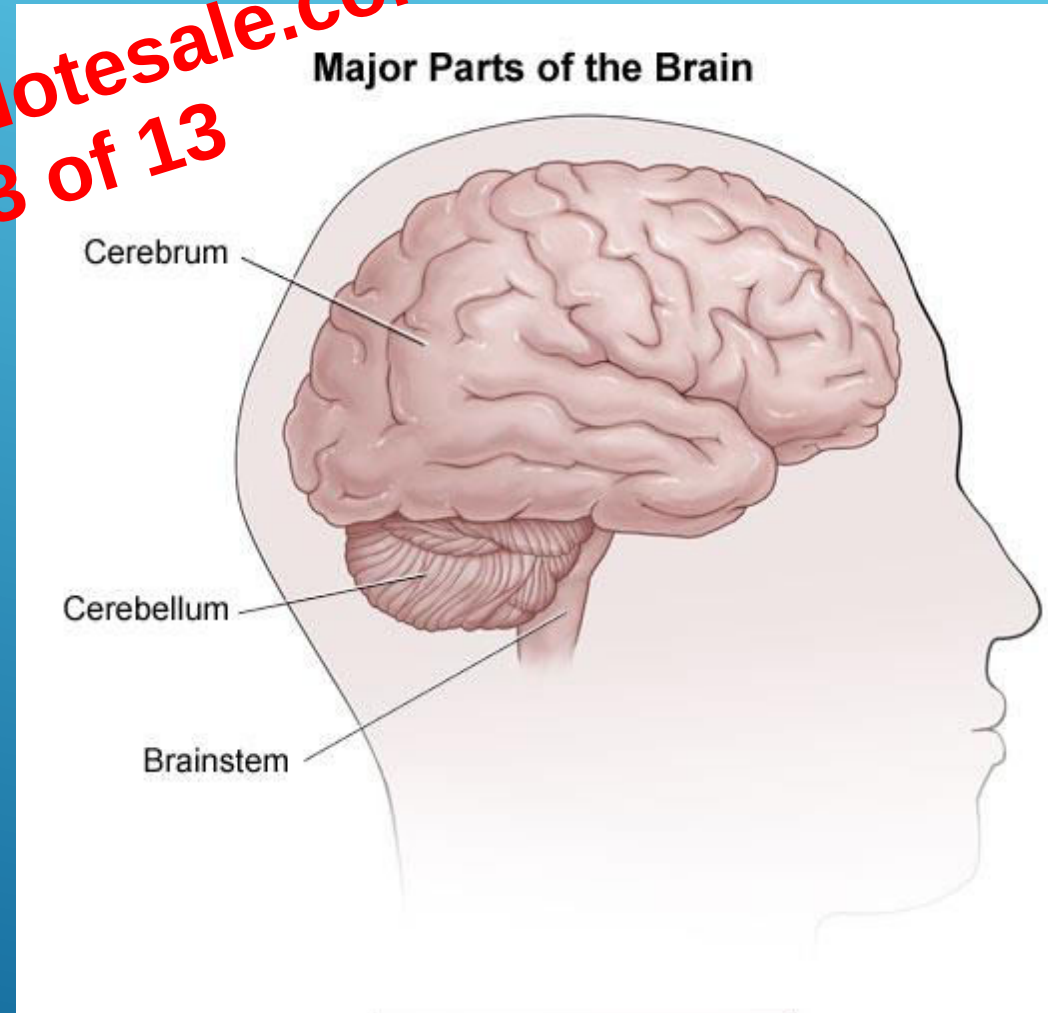
CEREBELLUM

-DEVELOPED AFTER BRAIN STEM

-LITTLE BRAIN

-BALANCE AND COORDINATION

-DIVIDED INTO HEMISPHERES



BRAIN STEM

-BASE OF THE BRAIN

-CONNECTED TO THE SPINAL CORD (RELAYS SIGNALS)

-FIRST PART OF THE BRAIN TO DEVELOP

-ENSURES VITAL LIFE FUNCTIONS (breathing, heart rate, blood pressure, sleeping, digestion etc..)

COMMON BRAIN DISORDERS

Alzheimer's Disease

-TYPE OF DEMENTIA

-DEVELOPS AS WE AGE

-NERVE CELLS DEGENERATE AND
LOSE THEIR FUNCTION

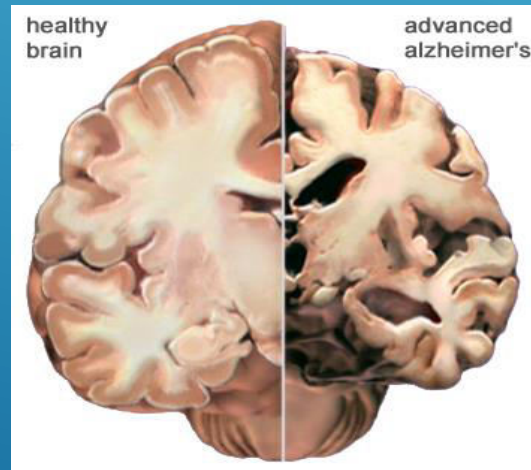
COMMON SYMPTOMS ARE:

Lose ability to think

Problems with short-term memory

Ability to talk or walk might be lost

Daily activities are affected



Parkinson's disease

-MOTOR SYSTEM DISORDER

-LOSS OF DOPAMINE PRODUCING CELLS

-AFFECTS PEOPLE OVER THE AGE OF 50

COMMON SYMPTOMS ARE:

Trembling hands, arms, legs, face

Slow movement

Stiffness of limbs

Difficulty walking or talking

Mood changes

Sleep disruption