**Forebrain**
Uppermost and largest brain region composed of several structures, the most prominent being the cerebral cortex.

**Cerebral cortex**
Divided into two hemispheres and responsible for sophisticated mental functions.

**Corpus callosum**
Thick band of axons connecting the two hemispheres of the cerebral cortex.

**Hindbrain**
Region at base of brain that connects the brain to the spinal cord.

**Pons**
Helps coordinate movements on left and right sides of body.

**Cerebellum**
Coordinates movement, balance, and posture.

**Reticular formation**
Helps regulate attention and alertness.

**Medulla**
Controls breathing, heartbeat, and other vital life functions.