Parts of the Brain Quiz

Word Bank

a) cerebellum  b) cerebrum  c) choroid plexus  d) corpus callosum

e) hypothalamus  f) mammillary body  g) midbrain  h) pineal gland

i) pituitary gland  j) pons  k) medulla oblongata  l) thalamus

1. Part of the autonomic nervous system; initiates physical expressions of emotion, regulates body temperature, hunger and thirst, controls endocrine systems and production of hormones

2. Regulates gonads and thyroid, produces hormones including HGH

3. “inner room”; main site of sensory processing; sorts and relays sensory impulses upward to the sensory cortex

4. Main site of learning and memory

5. Involved with vision and hearing, conveys ascending and descending impulses

6. Controls balance and equilibrium, posture, and precisely times voluntary muscle contractions

7. “bridge”, link between cerebral cortex and cerebellum, has important nuclei involved with control of breathing

8. Connects the cerebral hemispheres and allows them to communicate with one another

9. Forms the cerebral spinal fluid (CSF)

10. Regulates vital visceral activities such as heart rate, breathing, vomiting, swallowing, and blood pressure

11. Involved with sense of smell

12. Helps to regulate body rhythms and produces melatonin

Use the word bank to label the diagram below.
23. This area is responsible for those bodily activities that keep us alive, such as breathing and heartbeat.

24. This area is also known as the “interbrain”

25. This area is the site of higher cognitive functions

26. This area serves as the coordinator for physical activities.