Unit 4 Practice quiz for Table 1

Pair the structure with the description:

Name of Structure:

1. Medulla oblongata
2. Pons
3. Cerebellum
4. Midbrain (corpora quadrigemina, superior and inferior colliculi)
5. Hypothalamus
6. Thalamus
7. Pineal gland
8. Pituitary gland
9. Infundibulum
10. Cerebrum
11. Longitudinal fissure
12. Left cerebral hemisphere
13. Right cerebral hemisphere
14. Frontal lobe
15. Parietal lobe
16. Temporal lobe
17. Occipital lobe
18. Corpus callosum & anterior commissure
19. Gyri and sulci

Description:

a. Transport of hormones & conduction of impulses from hypothalamus to pituitary gland
b. Crude perception of sensations & emotions and relaying afferent/efferent impulses to/from the cerebrum
c. Perception of sensations of touch, temp., taste & body position (kinesthetic sensation)
d. Filter and relay visual (superior colliculi) & auditorystimuli (inferior colliculi); reflexive control of eye movement, focusing lens and pupil diameter
e. Reflexive, involuntary control of heart, breathing & blood vessels
f. Endocrine gland – secretes many hormones
g. Increases surface area of cerebrum for exchange of nutrients/wastes to/from blood vessels in the pia mater
h. Dominates in non-speech sounds (melodies, laughing, etc.), in spatial perception & in holistic, artistic & emotional concepts
i. Communication between the two cerebral hemispheres
j. Subconscious control & coordination of voluntary muscle
k. Perception of auditory sensations & related speech centers
l. Will (choice), intelligence, memory, awareness, personality
m. Dominates in speech sounds & in understanding sequential, rational & analytical concepts
n. Timing of subconscious breathing
o. Endocrine gland – secretes one hormone
p. Perception of visual sensations
q. Control of ANS & pituitary gland and, thereby, regulates involuntary body functions, homeostasis
r. Divides cerebrum into two hemispheres
s. Voluntary control over muscles, learning, planning, higher psychological functions

KEY: e n j d q b o f a l r m h s c k p i g