1) Which of the following links the cerebral hemispheres with the brain stem?
   A) medulla oblongata
   B) pons
   C) mesencephalon
   D) diencephalon
   E) cerebellum

2) The tracts that “bridge” the cerebellum to the brain stem are located in the
   A) medulla oblongata.
   B) pons.
   C) mesencephalon.
   D) diencephalon.
   E) thalamus.

3) Major centers concerned with autonomic control of breathing, blood pressure, heart rate, and
   digestive activities are located in the
   A) medulla oblongata.
   B) pons.
   C) mesencephalon.
   D) diencephalon.
   E) cerebellum.

4) What structure is highly vascular and closely adheres to the surface of the brain?
   A) pia mater
   B) arachnoid
   C) dura mater
   D) cranial plexus
   E) choroid plexus

5) Cerebrospinal fluid
   A) is secreted by ependymal cells in the choroid plexus.
   B) is formed by a passive process.
   C) is normally produced twice as fast as it is removed.
   D) has exactly the same composition as blood plasma.
   E) both A and D
6) The area anterior to the central sulcus is the
   A) parietal lobe.
   B) temporal lobe.
   C) frontal lobe.
   D) occipital lobe.
   E) insula.

7) The term general senses refers to sensations of all of the following, except sensitivity to
   A) temperature.
   B) light.
   C) touch.
   D) vibration.
   E) pain.

8) Sensory receptors that monitor the position of joints are called
   A) nociceptors.
   B) chemoreceptors.
   C) baroreceptors.
   D) proprioceptors.
   E) thermoreceptors.

9) The general senses
   A) involve receptors that are relatively simple.
   B) are located in specialized structures called sense organs.
   C) are localized in specific areas of the body.
   D) do not conduct action potentials.
   E) both C and D

10) Pain receptors are to _____ as temperature receptors are to _____.
    A) nociceptors; thermoreceptors
    B) baroreceptors; chemoreceptors
    C) baroreceptors; nociceptors
    D) chemoreceptors; nociceptors
    E) baroreceptors; thermoreceptors

**Bonus Question** - (Note: 100% is maximum quiz score):
The diencephalon is made up of which two structures?