

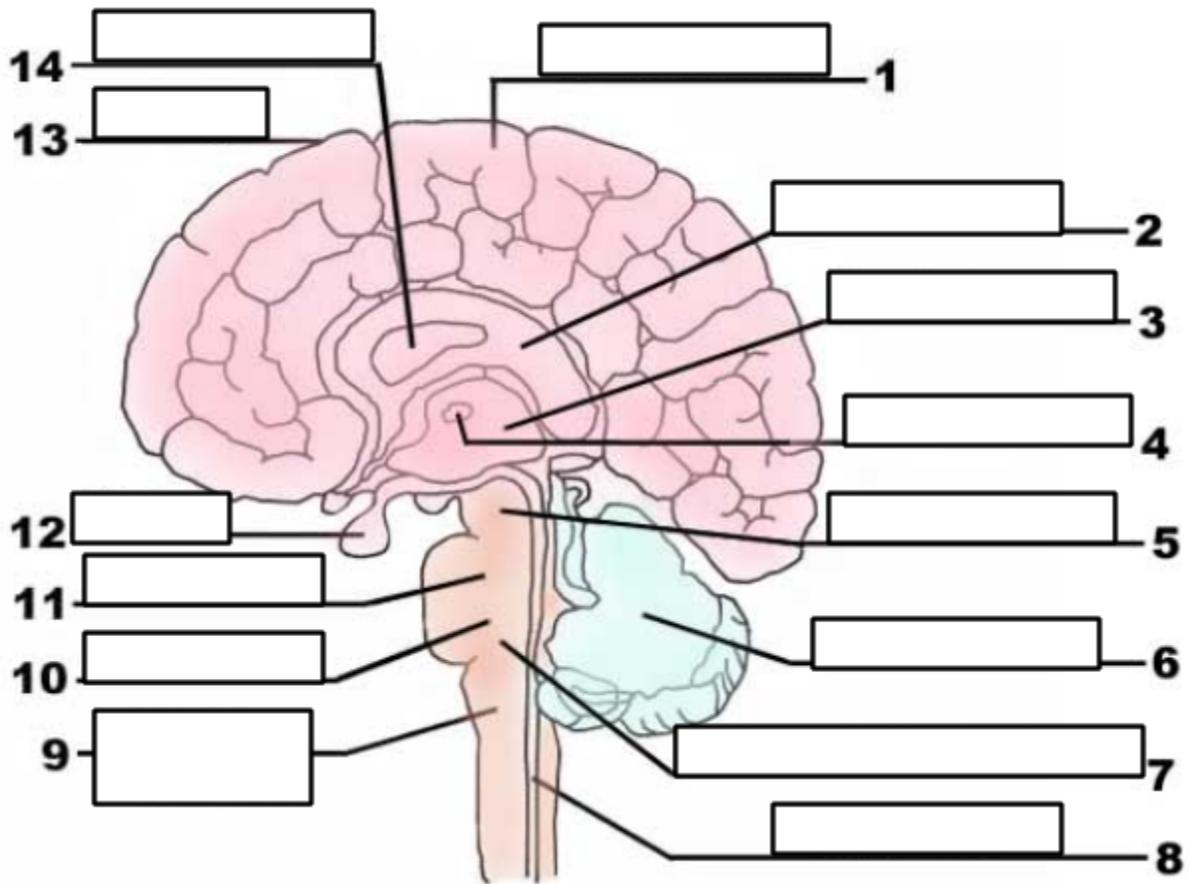
Name:

Anatomy and Physiology Practice Test

Diagram:

Points: /14

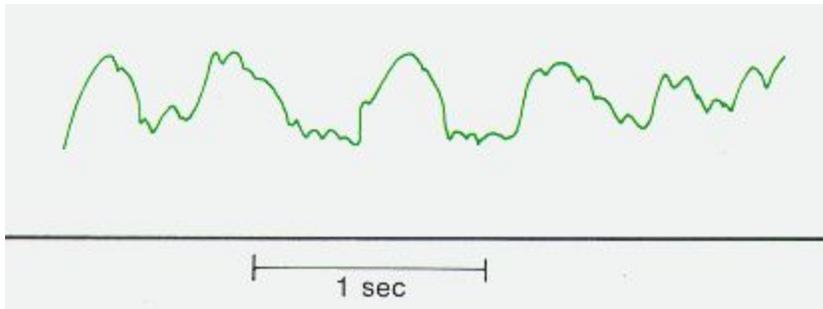
Label the following diagram (1 point each):



Short Answer:

Points: /22

What is the EEG waveform shown below and what is it indicative of (3 points)?



What part of the neuron receives messages from other cells? Describe what they look like and how they receive the messages. (6 points)

What denotes a special sense as opposed to a general sense? (6 points)

Where are the receptors on the cell that bind fat-soluble hormones? (1 point)

What causes color blindness? (5 points)

What is the primary cause of Cushing's syndrome? (1 point)

What are the names of the three bones in the middle ear? (3 points)

Points: /15

What was one of the primary causes of Goiter formation and how is it resolved? (2 points)

Multiple Choice:

Which is not a part of a special sense organ? (2 points)

- A. Fibrous tunic
- B. Lacrimal apparatus
- C. Tympanic membrane
- D. Viscera

Which of the following is not a monocular cue for depth? (2 points)

- A. Shadows and Lights
- B. Stereopsis
- C. Motion parallax
- D. Linear perspective

Glaucoma is defined by: (2 points)

- A. Clouding of the eye's lens.
- B. Affected blood vessels in the retina that causes vision loss.
- C. Blurry or decreased vision because of abnormal development in childhood. One eye becoming better than the other. "Lazy eye"
- D. Disease that damages eye's optic nerve and can result in vision loss.

Removal of the adenohypophysis would affect all except: (2 points)

- A. adrenal cortex
- B. adrenal medulla
- C. ovaries
- D. mammary glands
- E. thyroid gland

Which gland secretes Oxytocin? (2 points)

- A. Thyroid
- B. Pituitary
- C. Hypothalamus
- D. Adrenal Glands

What is the most common endocrinological disease? (2 points)

Points: /23

- A. Diabetes
- B. Thyroid Cancer
- C. Osteoporosis
- D. Addison's Disease

What is Thyrotoxicosis? (2 points)

- A. Enlargement of thyroid gland
- B. Autoimmune disease in which body mistakenly attacks thyroid gland
- C. Thyroid gland over-activity
- D. Any cause of excess thyroid hormone

What prevents the amount of cortisol in blood from going too high? (2 points)

- A: The body easily disposes of excess cortisol through the respiratory system
- B: As cortisol levels rise, cortisol production is inhibited by its presence
- C: The body produces extra thyroxin, which neutralizes the cortisol
- D: Nothing - cortisol is not harmful to the body in large amounts

Fill in the Blank:

Joe is out camping when he sees a wild bear coming towards him. His heart races and he prepares to run. Joe's _____ nervous system is at work here. (2 points)

The common name for conjunctivitis is _____. (2 points)

_____ are elevated projections on the tongue. (2 points)

Miscellaneous:

What are the 5 groups that the nerves of the spinal cord are divided into? (1 point each)

- A.
- B.
- C.
- D.
- E.

What are the 6 groups of receptors classified by the stimulus detected? (1 point each)

- A.
- B.
- C.
- D.
- E.
- F.

Name two hormones the Hypothalamus produces. (1 point each)

Points: /6

- A.
- B.

Match each Mechanoreceptor to their function: (1 point each)

- | | |
|----------------------|--|
| A. Proprioceptors | 1. Detect lung inflation, stomach distention |
| B. Pressoreceptors | 2. Detect muscle tension |
| C. Stretch receptors | 3. Detect blood pressure |

T or F: Most adrenal tumors associated with overproduction of aldosterone are malignant (1 point)