**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ COURSE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE:\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions: Print this assignment and then write your answer in the space provided in every item.**

1. **Name the divisions of the nervous system and state the parts of each.**

Answer:

1. **State the function of the following parts of nerve tissue:**

Answer:

1. Axon-
2. Dendrites-
3. Myelin sheath-
4. Neurolemma-
5. Microglia-
6. Astrocytes-
7. **With respect to the spinal cord:**
8. Describe its location
9. State what gray matter and white matter are made of
10. State the function of the dorsal root, ventral root, and dorsal root ganglion

Answer:

1. **Define reflex, and name the five parts of a reflex arc.**

Answer:

1. **Name the part of the brain concerned with each of the following:**

Answers

1. Regulates body temperature :
2. Regulates heart rate :
3. Suppresses unimportant sensations :
4. Regulates respiration (two parts) :
5. Regulates food intake :
6. Regulates coordination of voluntary movement :
7. Regulates secretions of the anterior pituitary gland :
8. Regulates coughing and sneezing :
9. Regulates muscle tone :
10. Regulates visual and auditory reflexes :
11. Regulates blood pressure :
12. **Name the part of the cerebrum concerned with each of the following:**
13. Feels the cutaneous sensations :
14. Contains the auditory areas :
15. Contains the visual areas :
16. Connects the cerebral hemispheres :
17. Regulates accessory movements :
18. Contains the olfactory areas :
19. Initiates voluntary movement :
20. Contains the speech areas (for most people) :
21. **State a function of each of the following cranial nerves:**
22. Glossopharyngeal :
23. Olfactory :
24. Trigeminal :
25. Facial :
26. Vagus (three functions) :
27. **Explain how the sympathetic division of the ANS helps the body adapt to a stress situation; Make sure to support your answer with an example.**
28. **Explain how the parasympathetic division of the ANS promotes normal body functioning; give three specific examples.**