**VOCABULARY Activity**

**I. Describe the relationship (similarities and differences) between each set of terms. Underline the terms. Number your paper. Skip a line between each.**

Nervous System

1. Central Nervous System / Peripheral Nervous System

2. Neuron-Dendrite / Axon/ Myelin Sheath   
3. Resting Potential / Action Potential

4. Cone Cell / Rod Cell

5. Optic Nerve / Auditory Nerve / Olfactory Nerve

6. Cerebrum / Cerebellum / Medulla Oblongata / Corpus Callosum

7. Chemoreceptors / Mechanoreceptors

8. Meninges

9. Multiple Scleroses

Endocrine System

10. Hormones / Steroid hormones / Nonsteroid hormones

11. Glands / Target cells

12. Negative Feedback / Positive Feedback

|  |  |  |  |
| --- | --- | --- | --- |
| **Gland** | **Location** | **Hormone Secreted** | **Function of Hormone(s) secreted** |
| 13. Hypothalamus |  |  |  |
| 14. Pituitary |  |  |  |
| 15. Thyroid |  |  |  |
| 16. Adrenal Glands |  |  |  |
| 17. Pancreas |  |  |  |
| 18. Thymus |  |  |  |

Reproductive System VOCABULARY

19. Sperm / Egg (ovum) / Zygote

20. Testosterone / Estrogen /

21. Prostate gland / Bulbourethral gland / Seminal vesicle / Semen

22. Spermatogenesis / Oogenesis

23. Testes / Fallopian tubes / Ovaries / Uterus

24. Menstrual cycle / Menopause

25. Identical twins / Fraternal twins

**II. Cranial Nerves:** There are both cranial nerves and spinal nerves. The 12 cranial nerves emerge directly from the brain and they are numbered in roman numerals I-XII. Go to <http://www.wisc-online.com/Objects/ViewObject.aspx?ID=AP11504> or some other source to help you correctly number a diagram of the nerves and write the function of each nerve.

**III. Journal:** It was not intentional, but you may have noticed that these three systems are linked in some very intricate ways. Describe how they are linked together, how one influences the others. Use specific vocabulary from above. It’s okay to be graphic.

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