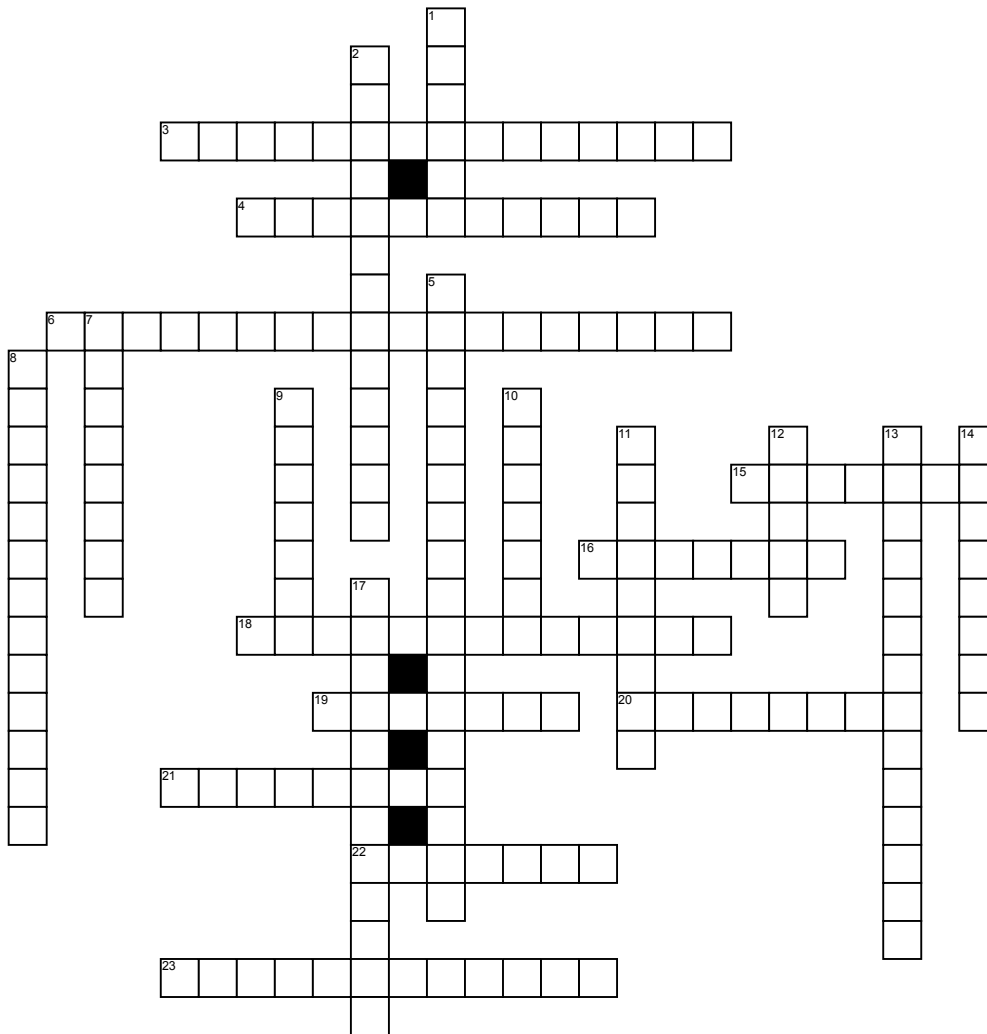


# Endocrine, Nervous, and Urinary System



**Across**

- 3. hormones are part of this system
- 4. passes into the.....as the it blood passes through various glands in the animals body
- 6. sensory neurons carry stimuli messages to the.....
- 15. Urine gets into the bladder through the...
- 16. cells that conduct impulses in the nervous system
- 18. kidneys are part of this system...
- 19. the interneurons process the....and determine a response

- 20. motor neurons transmit a response....to the stimulated tissue
- 21. chemical substance that affects glands and organs in the body
- 22. excretes urine
- 23. carry the impulses away from the brain and spinal cord

**Down**

- 1. cells or groups of cells the secrets fluids
- 2. neurons are part of this system
- 5. this system helps hormones travel through the body
- 7. hormones travel to organs in the body which stimulates a....

- 8. hormones in the animals body control various.....such as growth, reproduction functions, feed efficiency, etc.
- 9. urine is stored here...
- 10. liquid waste starts in the...
- 11. identify touch or other stimuli
- 12. liquid waste is called
- 13. impulses from internal and external stimuli to the brain and spinal cord
- 14. stimulates heat behavior "response"
- 17. processes the impulses received from sensory neurons inside of the brain and spinal cord

**Word Bank**

- |                    |                       |               |                  |                |
|--------------------|-----------------------|---------------|------------------|----------------|
| Urinary System     | Urine                 | Ureters       | Bladder          | Blood stream   |
| Response           | Nervous System        | Glands        | Sensory neurons  | Kidneys        |
| Urethra            | Message               | Neurons       | Estrogen         | Hormones       |
| Reaction           | Brain and spinal cord | Receptors     | Endocrine System | Body Functions |
| Circulatory System | Interneurons          | Motor neurons |                  |                |