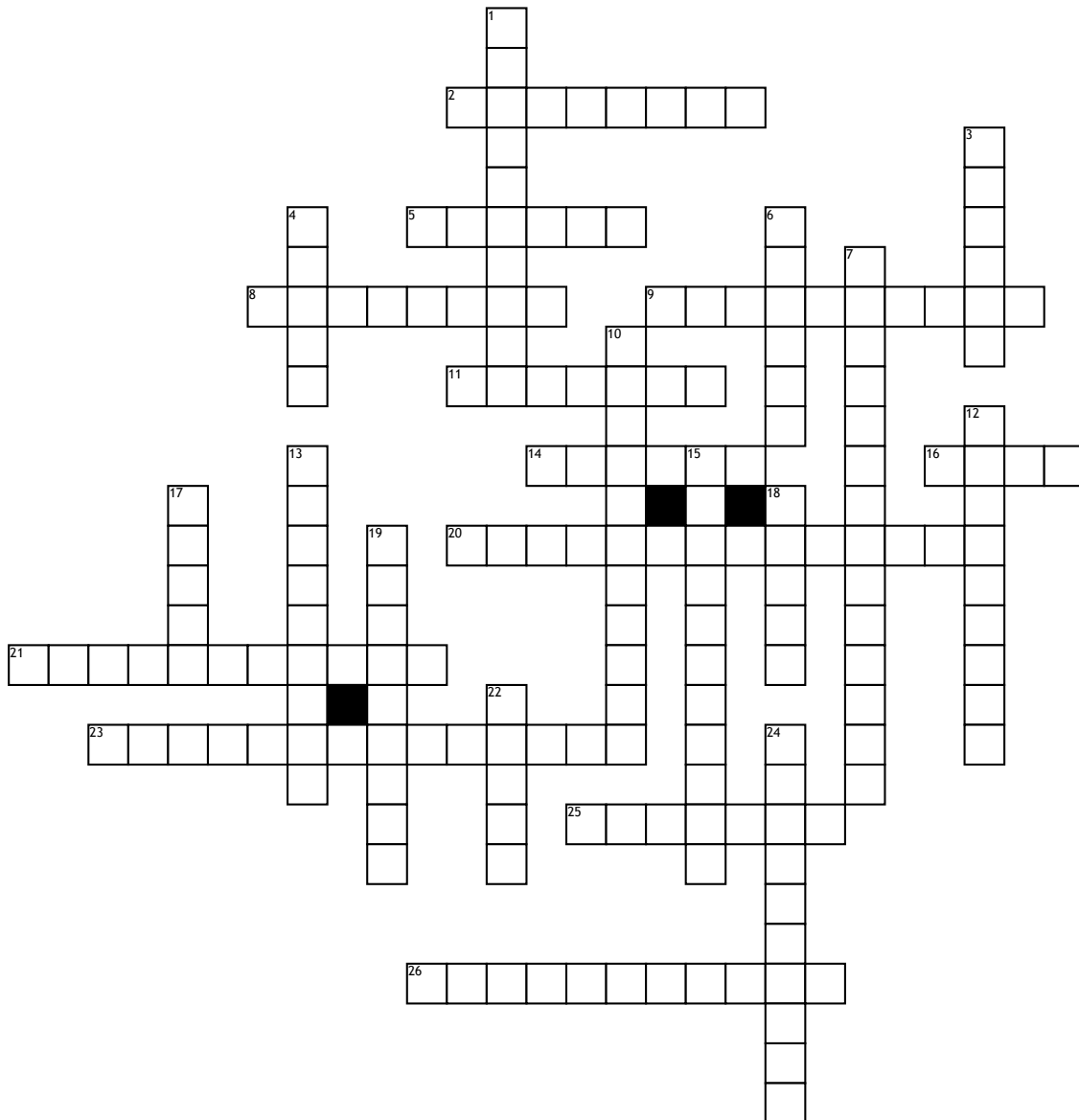


Circulatory, Digestive, Respiratory System



Across

2. The hilum of one lung.
 5. The final section of the large intestine
 8. Produces insulin and glucagon, enzymes and sodium bicarbonate
 9. Serves as a common passageway for food and air.
 11. The internal organ in which the major part of the digestion of food occurs
 14. Contains mucus, enzymes, and water; moistens food
 16. Muscular opening at the end of the rectum
 20. Organ in which most chemical digestion takes place
 21. A tubular structure carrying blood through the tissues and organs

23. Body system that consist of the heart, blood vessels and blood
 25. Inadequate O₂ delivery to tissues.
 26. Tiny blood vessels where substances are exchanged between the blood and the body cells

Down

1. A detergent like complex, reduces surface tension and helps keep the alveoli from collapsing.
 3. Provide a patent airway, to route air and food into the proper chanel, to function in voice production
 4. Pumps blood
 6. The wall of tissue that separates the right side of the heart from the left side of the heart
 7. Organ that absorbs water from undigested material

10. Stores and concentrates the bile produced in the liver
 12. Process of taking in food
 13. Blood flow reaching the alveoli.
 15. Amount of gas reaching the alveoli.
 17. Makes up around 7% of the weight of a human body.
 18. Carrying mainly oxygen-depleted blood towards the heart
 19. A group of cells located in the right atrium that sends out signals that make the heart muscle contract and that regulates heart rate.
 22. One of the largest organs in the body
 24. Instrument used to measure respiratory volumes and capacities.