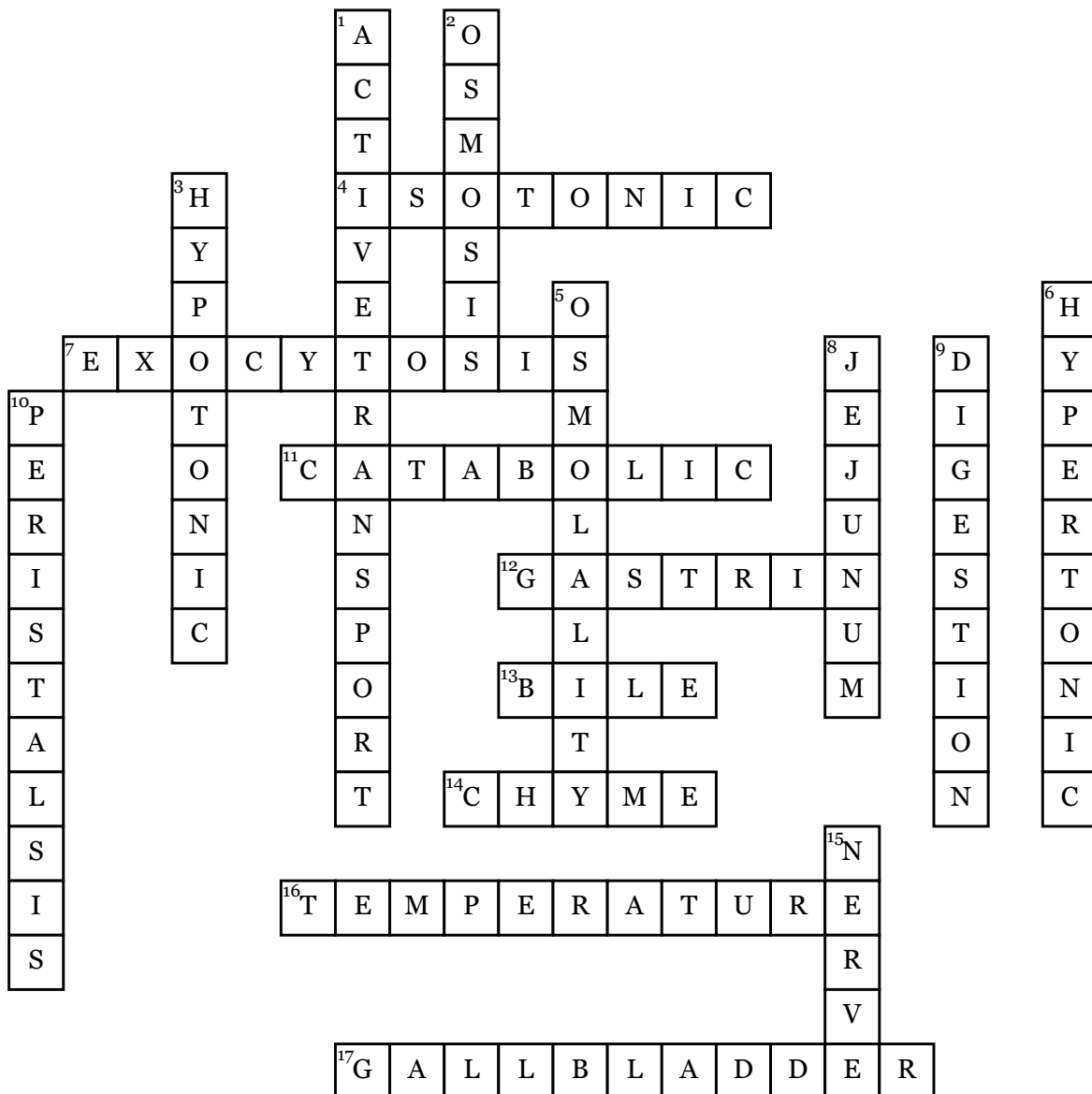


Digestion and Absorption



Across

4. Equal in cell and solution
 7. Bulk transport occurs by endocytosis and _____
 11. The breakdown of complex structures into smaller ones is known as _____ reaction.
 12. Cholecystokinin, gastric inhibitory peptide, secretin, and _____ represent the four hormones that regulate digestion.
 13. _____ is produced by the liver
 14. The byproduct of stomach contents and digestive juices

16. pH and _____ affects enzymes rate of reactions
 17. Bile is stored and secreted by the _____
Down
 1. This process occurs when substances cannot move across cell membranes (hint: two words)
 2. _____ moves water through a selectively permeable membrane
 3. More particles in the cell and less in the solution
 5. _____ refers to the concentration of particles in solution

6. More particles in solution
 8. This part of the small intestines is where most of the digestion occurs
 9. _____ begins with smell and taste and is under involuntary control
 10. This rhythmic contraction moves the bolus of food down the esophagus
 15. Sodium potassium pump is important for _____ function