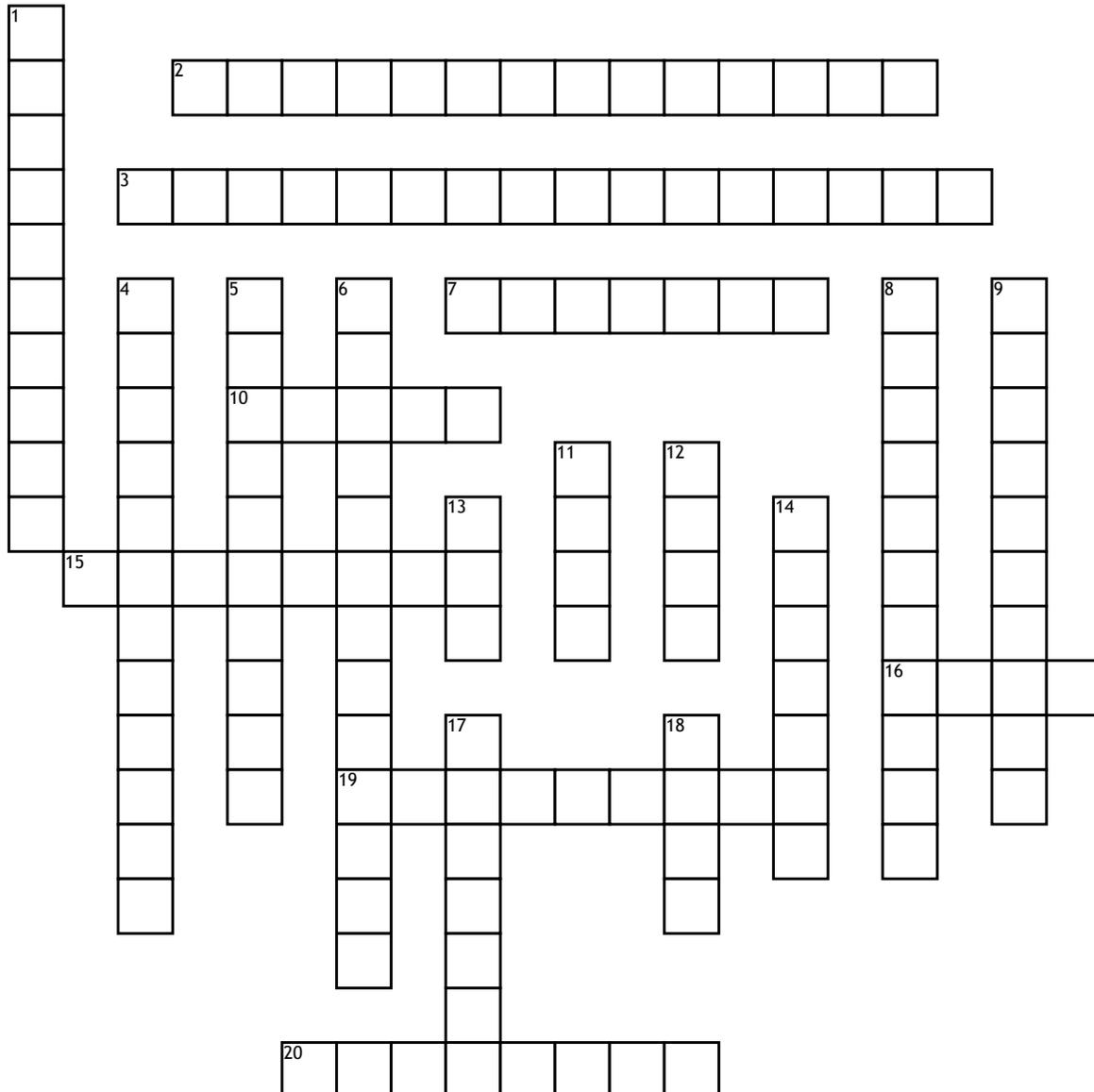


# BSC2010 Extra Credit for Exam 1



## Across

2. IS A MEASURE OF HOW DIFFICULT IT IS TO BRAKE THE SURFACE OF A LIQUID
3. CAN ASSIMILATE AND USE ENERGY
7. IS THE SCIENTIFIC STUDY OF LIFE
10. PROVIDE INSTRUCTIONS
15. IS AN ATTRACTION BETWEEN DIFFERENT SUBSTANCES
16. IS A SUBSTANCE THAT INCREASES THE H<sup>+</sup> CONCENTRATION OF A SOLUTION
19. IS THE PROCESS OF CHANGE THAT HAS TRANSFORMED LIFE ON EARTH

20. ARE TWO ATOMS OF AN ELEMENT THAT DIFFER IN THE NUMBER OF NEUTRONS

## Down

1. IS THE SUM OF PROTONS PLUS NEUTRONS IN THE NUCLEUS
4. CAN REPRODUCE THROUGH USE OF THE INFORMATION ENCODED IN DNA
5. SMALL STRUCTURES THAT EXIST WITHIN CELLS AND PERFORM SPECIALIZED FUNCTIONS
6. IS THE ENERGY OF MOTION
8. ABILITY TO MAINTAIN CONSTANT INTERNAL CONDITIONS
9. FIT TO THEIR ENVIRONMENT

11. SMALLEST FUNDAMENTAL UNIT OF STRUCTURE AND FUNCTION IN LIVING ORGANISMS

12. SMALLEST AND MOST FUNDAMENTAL UNIT OF MATTER
13. GENETIC MATERIAL
14. IS A SUBSTANCE THAT CANNOT BE BROKEN DOWN TO OTHER SUBSTANCES BY CHEMICAL REACTION
17. IS THE DISSOLVING AGENT OF A SOLUTION
18. IS RECOGNIZED BY WHAT LIVING THINGS DO