**Unit 2 (Biochemistry) SOL Practice Questions – ANSWER KEY**

1. C
2. A water molecule is polar. It has a slightly negative charge on the oxygen atom and a slightly positive charge on the ­–hydrogen atoms.
3. A
4. G (heating it breaks bonds and denatures the enzyme, making it the wrong shape and it’s unable to catalyze a reaction)
5. D (adhesion + cohesion cause surface tension)
6. A
7. G
8. J
9. G (since water has a high heat capacity, it takes a lot of energy to heat it up and make it evaporate – it gets this energy (heat) from our skin – that’s why our skin cools down as water evaporates off of it)
10. D (cells are 70% water)
11. A
12. H
13. D
14. B

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