

Name: _____

Date: _____

102.11 Matter

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| 1. Water freezing and becoming ice is a example of what type of change | A. chemistry |
| 2. The chemical symbol for carbon is | B. side bonds |
| 3. Electrons have which type of electrical charge | C. matter |
| 4. What is the side bond that is of the greatest concern to the salon professional | D. electrons |
| 5. The term used to identify anything that occupies space and has weight is called | E. C |
| 6. Amino acids that create proteins are linked together end to end by | F. inorganic chemistry |
| 7. Atoms have three main parts: protons, neutrons and | G. disulfide bond |
| 8. Atoms that are different form an | H. elements |
| 9. Which bond is the backbone of all proteins molecules | I. peptide bonds |
| 10. Protons have which type of electrical charge | J. physical |
| 11. The bonds found within the hair that help organize protein chains in order to build hair are called | K. peptide |
| 12. Two or more of the same atoms joined together by a chemical bond is an | L. positive |
| 13. All matter that is not live, has never been alive and does not contain carbon, such as rocks, water and minerals falls within the study of | M. negative |
| 14. The scientific study of matter and the physical and chemical changes of matter is known as | N. molecule |
| 15. Basic substances that cannot be broken down into simpler substances are called | O. compound |