

Chemistry

1. Means liquids are not able to be mixed A. None
2. Basic substances that cannot be broken down into simpler substances are called: B. Immiscible
3. Hair consists of 97% C. Bitter
4. What is the side bond that is of the greatest concern to the salon professional? D. Matter
5. Matter with definite weight and volume but no definite shape is called E. 4.5 to 5.5
6. When a solution has an equal number of hydrogen and hydroxide ions, the solution is considered: F. Solvent
7. Hair comprises of two solids which are carbon and sulfur and three gases which are hydrogen, nitrogen and... G. Oxygen
8. Substances of acidic or alkaline nature dissolve in water and/or contain H. Positive
9. What is the pH range for skin and hair? I. Elements
10. A substance that is able to dissolve another substance is called a J. Liquid
11. The term used to identify anything that occupies space and has weight is called K. Proteins
12. If water contains certian salts of calcium, magnesium and other metals that prevent shampoo from lathering, it is classified as: L. Peptide
13. Neutrons have which type of electrical charge? M. Disulfide Bond
14. Acid tends to taste: N. Neutral
15. Which bond is the backbone of all protein molecules? O. Neutral
16. All matter that is now living or was alive at one time, with carbon present, falls within the scientific division of: P. Organic Chemistry
17. The simplest atomic structure is Q. Hydrogen
18. A solution that has more positive hydrogen ions than negative hydroxide ions is R. Sour
19. Distilled water with a pH of 7 is considered S. Hard Water

20. Two or more of the same atoms joined together by a chemical bond is a
21. Alkalis tend to taste
22. Protons have which type of electrical charge
23. What is created when amino acids join together in chains?
24. What shampoo type is designed to treat scalp and hair problems or disorders?
25. The primary ingredient of most shampoo is
- T. Keratin
- U. Deionized Water
- V. Medicated Shampoo
- W. Acidic
- X. Water
- Y. Molecule