

5.3 Organic Compounds

X L S M F A E T R S W N B N G L C S Q I Z U R J L
Q F B N O N M E T A L E B H S Q E H X O W Q Z A B
A A T C B F A D P S U R W Y R L S L A D H E T S E
E T J E W H E E I N E L I Q U I D E W I C E J A M
J C K X X W G B A S I C T B K E Y C R Z M D Q L S
J V T M F S Z J R E A C T I V E B W R E L C T T M
A D O R E X Q G P Q U L E Z Y Q V M F D L U W S O
H C H C K T T X I O R G A N I C C H E M I S T R Y
C P I H Z A A N E U T R A L I Z A T I O N Q Q G N
A X N D O L A L J O R G A N I C W X W U S C J B L
Q G U F S U B H O M T M W R L I M I N G L Q R P F
O I T R O C K S P X M R V V E L E C T R O N S G Z
R A A N J U J B Y Y I H Y D R O C A R B O N P V M
G C C A R B O N F L X D F N O N M E T A L R U S X
F F E Y S S O L V E N T E H W I N O R G A N I C C
O H L E Q C M B K B V A B H J Y C O C E W I N A A
P N O O K N J F Z R A L C O H O L G N I U R N X X

1. A class of compounds including the ionic compounds that can be produced when an acid and a base react.
2. Oxides and carbonates can chemically react with _____ and produce salts.
3. Salts can be produced by the chemical reaction of a _____ and an acid.
4. _____ oxides combine with water to form acids.
5. _____ table salt has very small amounts of sodium iodide or potassium iodide added to it.
6. The chemical reaction that occurs when an acid and a base react to form a salt and water.
7. A chemical compound that contains a metal chemically combined with oxygen.
8. When a metal oxide dissolves in water, the solution becomes _____.
9. When _____ oxides dissolve in water, the solution becomes acidic.
10. The most _____ metals appear on the extreme left of the periodic table.
11. Much of the carbon dioxide on the surface of Earth is trapped in _____ such as limestone.
12. _____ is a process of adding calcium carbonate to lakes to help neutralize acid.
13. _____ compounds always contain carbon and almost always contain hydrogen as well.
14. The study of compounds that contain carbon.
15. Carbon has four _____ in its valence shell and forms four covalent bonds.
16. _____ can bond with itself to form long chains of atoms, such as found in plastics.
17. _____ carbon compounds contain carbonates, carbides, and oxides.
18. An organic compound that contains only the elements carbon and hydrogen.
19. The larger the molecule of a hydrocarbon, the more easily it becomes a _____.
20. Examples are methanol and ethanol.
21. A liquid that can dissolve other substances.