**Unit 2: Chapter 6 – Chemistry in Biology Vocabulary**

*Section 1: Atoms, Elements, and Compounds*

1. Matter
2. Atom
3. Nucleus
4. Proton
5. Neutron
6. Electron
7. Element (i.e)
8. Isotope (i.e)
9. Radioactive isotope (i.e)
10. Compound (i.e)
11. Covalent bond (i.e)
12. Molecule (i.e)
13. Ion (i.e)
14. Ionic bond (i.e)

*Section 2: Chemical Reactions*

1. Chemical reaction
2. Reactant
3. Product
4. Coefficient
5. Activation energy
6. Exothermic reaction
7. Endothermic reaction
8. Catalyst
9. Enzyme
10. Substrate
11. Active site

*Section 3: Water and Solutions*

1. Polar molecule (i.e.)
2. Cohesion
3. Adhesion
4. Capillarity
5. Hydrogen bond
6. Mixture (i.e.)
7. Homogeneous mixture
8. Heterogeneous mixture
9. Solution (i.e.)
10. Solvent (i.e.)
11. Solute (i.e.)
12. Suspension (i.e.)
13. Colloids (i.e.)
14. Sol (i.e.)
15. Gel (i.e.)
16. Acid (i.e.)
17. Base (i.e.)
18. ph
19. buffer

*Section 4: The Building Blocks of Life*

1. Macromolecule
2. Monomer
3. Polymer
4. Carbohydrate
5. Monosaccharaides
6. Disaccharides
7. Polysaccharides
8. Lipid
9. Triglyceride
10. Saturated fats
11. Unsaturated fats
12. Phospholipid
13. Hydrophobic
14. Hydrophilic
15. Steroids
16. Protein
17. Amino acid
18. Nucleic acid
19. Nucleotide
20. ATP

**Unit 2: Chapter 6 – Chemistry in Biology Vocabulary**

*Section 1: Atoms, Elements, and Compounds*

1. Matter
2. Atom
3. Nucleus
4. Proton
5. Neutron
6. Electron
7. Element (i.e)
8. Isotope (i.e)
9. Radioactive isotope (i.e)
10. Compound (i.e)
11. Covalent bond (i.e)
12. Molecule (i.e)
13. Ion (i.e)
14. Ionic bond (i.e)

*Section 2: Chemical Reactions*

1. Chemical reaction
2. Reactant
3. Product
4. Coefficient
5. Activation energy
6. Exothermic reaction
7. Endothermic reaction
8. Catalyst
9. Enzyme
10. Substrate
11. Active site

*Section 3: Water and Solutions*

1. Polar molecule (i.e.)
2. Cohesion
3. Adhesion
4. Capillarity
5. Hydrogen bond
6. Mixture (i.e.)
7. Homogeneous mixture
8. Heterogeneous mixture
9. Solution (i.e.)
10. Solvent (i.e.)
11. Solute (i.e.)
12. Suspension (i.e.)
13. Colloids (i.e.)
14. Sol (i.e.)
15. Gel (i.e.)
16. Acid (i.e.)
17. Base (i.e.)
18. ph
19. buffer

*Section 4: The Building Blocks of Life*

1. Macromolecule
2. Monomer
3. Polymer
4. Carbohydrate
5. Monosaccharaides
6. Disaccharides
7. Polysaccharides
8. Lipid
9. Triglyceride
10. Saturated fats
11. Unsaturated fats
12. Phospholipid
13. Hydrophobic
14. Hydrophilic
15. Steroids
16. Protein
17. Amino acid
18. Nucleic acid
19. Nucleotide
20. ATP