

Unit 2 Cell Compounds and Biological Molecules REVIEW

LONG ANSWER (3 marks)

1. Water is the most important molecules for living organisms. List three important functions of water in living organisms. (3 marks)

MULTIPLE CHOICE (12 marks)

- Water molecule polarity
- Structure of water
- Functions of smooth endoplasmic reticulum
- Purpose of buffer
- Correct formula for any carbohydrate
- Structure of six-carbon sugar
- Monosaccharides
- Disaccharides
- Amino acids
- Polysaccharaides
- Starch
- Glycogen
- Dehydration synthesis
- Hydrolysis
- Photosynthesis
- Cellular respiration
- Definition of organic molecule (be able to recognize if a molecule is organic or not)
- Definition of proteins