**Chapter 7 Word Search Puzzle: Is this multiple choice?**

Name:

*PLEASE READ: Upon writing your answer choice, you need to find & highlight it in the word search below.*

1. What is the name of a compound that has both lipophilic and lipophobic ends?
2. The name of a protein not embedded in the lipid bilayer of the cell.
3. A channel protein that allows entry of up to 3 x 109 water molecules per second.
4. A macromolecule vital in its role as a cell marker located on the fluid mosaic cell membrane model.
5. A word that best describes your roommate’s ability to smell the odor of your perfume standing 30 feet away from you.
6. You are a cellular organelle trying to upgrade and today you are working with the golgi apparatus. During your rotations with the golgi, you are taught that not all messages need to go through to mitochondria for energy payments and are considered transport.
7. Some processes in nature just happen (ex biodegradations), they need no energy input and are favored by Mother Nature. These are called processes.
8. A word that explains the movement of water down its concentration gradient.
9. The ability to cause a cell to loose or gain water.
10. The control of water balance.
11. Certain cell membrane proteins are rather specific to their substrate allowing the sometimes hydrophilic substrates to diffuse passively through them by a process known as diffusion.
12. Voltage across a cell membrane is called membrane .
13. A gradient built by chemical and electrical forces is called a/an gradient.

**ANSWER KEY: HIGHLIGHT YOUR ANSWER CHOICES**

E M A C Q S L S C P V Y K S F L X K D E

L C N R T U N W T N E M E C A L P S I D

E F I A J O L D F C O T L R O N F H S I

C Y F H W E V I S S A P E C O B C X S R

T Y A U T N Z G P R C H C I X J I L O H

R A U W U A K R D I P C T N Y C Q Y L Y

O Y Q B Z T P Y G I D A R O T C E H U S

C T A U V N H I R G L S O T I K H P T V

H S I S A O B E H U I D G R L O C J I P

E U O L B P P Z G P W E E E I W K X O Y

M L K R R S O E P P M T N P C Q V W N P

I A A F P N R R E C O A I Y S S L D P B

C C K N L O W H I H N T C H A Y A C L Q

A I F X M N Q I P N O I S U F F I D H C

L R F S I S O M S O S L A R G E T N I E

F T O N I C A L I T Y I P X J Y N T V R

W C F H Y P O T O N I C I T Y R E I C E

Z E Q W F V I E F G R A D I E N T L U X

W L A R X K F Y Z T Q F R V I C O Q F A

O E W J E P T C C O R H B K A N P Q V B