



Rosary School – Marj Elhamam

Unit 1: Chapter 2- Answers

Name: _____

Grade: 9 (A, B, C, D)

Date: __/__/__

Subject: Biology

CHAPTER 2

1 ► D

2 ► A

3 ► B

4 ► C

5 ► a i Fungi ii Protoctists
iii Plants iv Bacteria

b Like most protoctists, *Euglena* is a microscopic, single-celled organism. It has features of both plant and animal cells: like plants, it contains chloroplasts; like animals, it can move.

6 ► a Diagram should show a core of DNA or RNA surrounded by a protein coat. (It may also have an outer envelope or membrane derived from the host cell.)

b A virus can be considered either as living or as a chemical. It does not have any of the normal characteristics of living things, except that it is able to reproduce.

c Viruses can reproduce only inside a host cell, by taking over the cell's genetic machinery to make more virus particles. So viruses are all parasites.

7 ► a An animal that does not have a vertebral column (backbone).

b Fine, thread-like filaments forming the feeding network of cells of a fungus.

c A type of nutrition used by most fungi and some bacteria, where the organism feeds on dead organic material by digesting it using extracellular enzymes.