

## SELF- TEST: CELL ORGANELLES

SNC1D 2005- 2006

I. Match the following structures to the descriptions given below:

|     | <b>Structures</b>     | <b>Functions</b>                                     |
|-----|-----------------------|--|
| 1.  | ribosome              | produces enzymes to digest bacteria                  |
| 2.  | lysosome              | produces proteins                                    |
| 3.  | chromosomes           | internal support system for cell                     |
| 4.  | centriole             | packages proteins into vesicles                      |
| 5.  | nucleus               | transport system inside cell                         |
| 6.  | mitochondrion         | control center of cell                               |
| 7.  | cytoskeleton          | long tail-like structure for cell locomotion         |
| 8.  | endoplasmic reticulum | “Powerhouse” of the cell (produces (ATP)             |
| 9.  | cytoplasm             | site of photosynthesis                               |
| 10. | golgi body            | stores starch in plant cell                          |
| 11. | flagellum             | produces spindle fibers for mitosis                  |
| 12. | vacuole               | supports all cell organelles                         |
| 13. | chloroplast           | semipermeable to control entry and exit of materials |
| 14. | cell membrane         | produces ribosomes                                   |
| 15. | nucleolus             | genetic material in nucleus                          |
| 16. | amyloplast            | stores water and ions                                |

II. How does a plant cell differ from an animal cell?