

Intro SL

1. There are 3 tenets to cell theory. List them.
2. There are three atypical types of cells to be aware of. In our bodies we have _____
_____ cells, which are unusual because they contain _____ nuclei. Some fungi are
_____, because their _____ do not have the _____ usually present. Lastly,
_____ are unusual because they grow larger than most varieties.
3. Unicellular organisms must carry out all the functions of _____ in one cell so are not specialized. There
exist unicellular cells that are _____, so ingest other cells for _____, others
are _____ carrying out _____ thereby producing their own energy.
Two named examples of the latter are _____ and _____. *Euglena* is an
interesting organism from the kingdom _____, because it can act as an _____
or as a _____.
4. In multicellular organisms. cells specialize to carry out specific functions. The cells _____
by _____ some of their _____ but not others, as (nearly) all cells possess the
entire _____. This ability to _____ is crucial for many biological processes
including _____ development.
5. A _____ cell is a cell that has not yet _____. They can be used to treat conditions
such as _____, which is a form of blindness, and _____ which is
cancer of the white blood cells. The former is treated using _____ cells, which are
the _____ controversial. The source of these cells is usually from discarded _____
treatments. The latter can be treated using _____ or _____ cells,
which are _____ controversial. The degree of controversy depends on the ability of the medical
team to get _____ consent.