

BIO 137 WORKSHEET 3 CELL STRUCTURE & FUNCTION

Date Sept.9th.2020

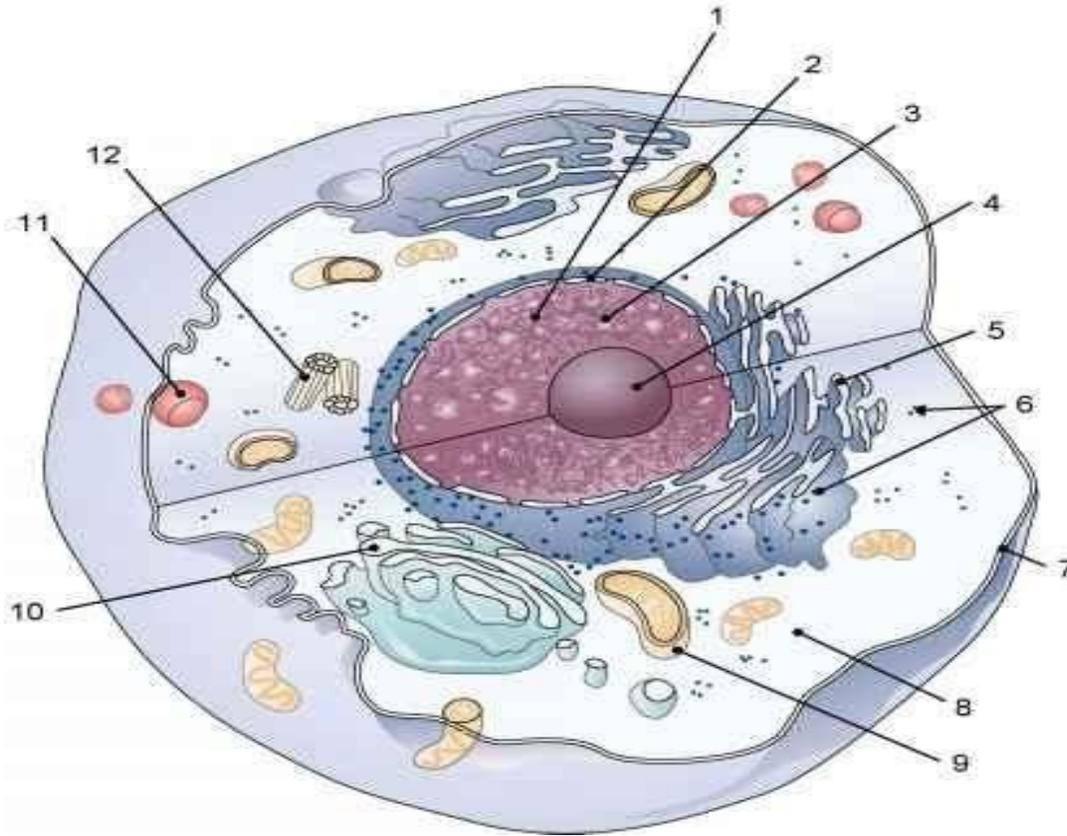
Name Crysele Evans

1. Match the terms listed in the box below with the cell parts labeled. Use the Answer box below the diagram to label the cell parts (12x4=48)

Nucleolus, Golgi apparatus, Nucleus, Centrioles, Rough ER, Smooth ER,
Mitochondrion, Nucleoplasm, Lysosome, Cell membrane, nuclear membrane,
Cytoplasm.

Give the diagram a title: Diagram_For_Animal_Cell (4pts)

1. Nucleoplasm
2. nuclear membrane
3. nucleus
4. Nucleolus
5. Smooth ER
6. Rough ER
7. Cell membrane
8. Cytoplasm
9. Mitochondrion
10. Golgi Apparatus
11. Lysosome
12. Centrioles



PARTS OF THE CELL

Match the descriptions in Column I with the name in Column II
Write the matching letter in the blank spaces (12x4= 48 pts)

COLUMN I

COLUMN II

- | | |
|---|--------------------|
| ___k. ___ 1. separates the genetic material from the rest of the cell | a. Golgi apparatus |
| ___j. ___ 2. contain enzymes for digestion | b. nucleus |
| ___g. ___ 3. where proteins are made (Protein synthesis) | c. vacuole |
| ___a. ___ 4. Modifies, packs and ships substances for secretions | d. centrioles |
| ___i. ___ 5. ribosomes are made here | e. cytoplasm |
| ___l. ___ 6. controls entry into and out of the cell | f. chloroplast |
| ___b. ___ 7. contain chromosomes | g. ribosome |

___ e. ___ 8. fluid (jelly like) part of protoplasm

h. mitochondria

___ f. ___ 9. container of green pigment in a plant cell

i. nucleolus

___ c. ___ 10. storage container in a cell

j. lysosome

___ h. ___ 11. Contains enzymes for making ATP;
site for aerobic cellular respiration

k. nuclear membrane

___ d. ___ 12. structures involved in animal cell division

l. cell membrane