

Chapter 5: Structure and Function of the Cell**5.1:**

1. Cell
2. Unicellular organism
3. Multicellular organism
4. Cell theory
5. Nucleus
6. Organelle
7. Eukaryotes
8. Prokaryotes

5.2:

1. Cell membrane
2. Cytoplasm
3. Selectively permeable membrane
4. Ribosomes
5. Mitochondria
6. ATP (adenosine triphosphate) p. 69
7. Lysosomes
8. Cytoskeleton
9. Cilia
10. Flagella
11. Nuclear envelope
12. Chromatin
13. Chromosome
14. Nucleolus
15. Cell wall
16. Vacuoles
17. Plastids
18. Chloroplasts
19. Chromoplasts
20. Leucoplasts

5.3:

1. Tissue
2. Organ
3. Organ system
4. Colonial organism
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