Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Unit 2 Argument Survey: Macromolecules, Cells, Transport, Biological Processes**
**1. Circle the word from column B, C, or D that does not fit with the other three words, particularly column A. Column A will never be circled.
2. In one or two sentences, explain the SPECIFIC relationship between the three words that are related and why the circled term does not apply. You get ZERO credit for just circling the one that doesn’t belong.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **A** | **B** | **C** | **D** |  |
| 1 | **Amino Acids** | Monosaccharide | Nucleotide | Starch |  |
| 2 | **Carbohydrates** | Potato | Oils | Glucose |  |
| 3 | **Protein** | Nucleic Acids | Steak | Amino Acids |  |
| 4 | **Nucleic Acids** | RNA | Protein | DNA |  |
| 5 | **Enzymes** | Catalysts | Proteins | Carbohydrates |  |
| 6 | **Plant Cell** | Chloroplasts | Nucleus | Flagella |  |
| 7 | **Prokaryote** | Nucleus | Ribosomes | Cytoplasm |  |
| 8 | **Eukaryote** | Protists | Bacteria | Fungi |  |
| 9 | **Multicellular** | Bacteria | Plant | Animal |  |
| 10 | **Heterotroph** | Fungi | Animal | Plant |  |
| 11 | **Proteins** | Ribosomes | Golgi Apparatus | Smooth ER |  |
| 12 | **Cell Theory** | Cells are basic unit of life | All cells come from other cells | All cells are eukaryotic |  |
| 13 | **Lipids** | Hormones | Cell Membrane | Hemoglobin |  |
| 14 | **Semipermeable membrane** | Diffusion | Active Transport | Osmosis |  |
| 15 | **Simple Diffusion** | Passive transport | Water | Facilitated diffusion |  |
| 16 | **Use of ATP** | Active Transport | Endocytosis | Osmosis |  |
| 17 | **Photosynthesis** | Fermentation | Carbohydrates | Sugar |  |
| 18 | **Aerobic Respiration** | ATP | Bacteria | Muscle Cells |  |
| 19 | **Mitochondria** | Photosynthesis | Anaerobic Respiration | Aerobic Respiration |  |
| 20 | **Cell Wall** | Cellulose | Peptidoglycan | Spindle Fibers |  |