

Name: _____ Block: _____ Date: _____

Biology 12 - The Cell – REVIEW WORKSHEET

Part A: In **ONE** sentence, in the space provided, describe the function of the following organelles. **Use point form.** Use your own words. **Paraphrase** and **condense** the textbook definitions. **DO NOT** copy any definition or part of a definition. In the box to the left of each definition, make a **sketch** of the organelle.

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|--|-----------------------------------|
| | 1. cell membrane: |
| | 2. cell wall: |
| | 3. centriole: |
| | 4. chloroplast: |
| | 5. chromosome: |
| | 6. cilia: |
| | 7. cytoskeleton: |
| | 8. flagella: |
| | 9. Golgi body |
| | 10. lysosomes: |
| | 11. microfilament: |
| | 12. microtubule: |
| | 13. mitochondria: |
| | 14. nucleolus: |
| | 15. nucleus: |
| | 16. plastids: |
| | 17. ribosome: |
| | 18. rough endoplasmic reticulum: |
| | 19. smooth endoplasmic reticulum: |
| | 20. vacuoles: |
| | 21. vesicle: |

Part B: Mix and Match! Each definition has only one correct matching answer

| | | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1. | internal framework that anchors organelles, gives shape | A) cell membrane |
| 2. | cellular "ropes" made of repeating units of the protein <i>actin</i> | B) cell wall |
| 3. | hollow tubes for transport, movement, made of actin & tubulin proteins | C) centriole |
| 4. | vesicles pinch off these structures; proteins modified and packaged here | D) chloroplast |
| 5. | cellular "stomach" | E) chromosome |
| 6. | selectively permeable "doorman" | F) cilia |
| 7. | the most important plastid, turns CO ₂ , H ₂ O, sunlight into glucose | G) cytoskeleton |
| 8. | membrane-bound spheres that store water & dissolved materials. Membrane surrounding it is called a <i>tonoplast</i> . Plants have a large, central one. | H) flagella |