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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Cells and Tissues

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 1  L |  |  |  |  |  |  |  |  |  |  |  | 2  A |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | E |  |  |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | U |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | K |  |  | 3  A |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | O |  |  | N |  |  |  |  | 4  C |  |  |  | V |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | C |  |  | A |  |  | 5  A | D | I | P | O | S | E |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Y |  |  | P |  |  |  |  | L |  |  |  |  |  | 6  N |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 7  M | I | T | O | C | H | O | N | D | R | I | A |  |  |  |  | U |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | E |  |  | A |  |  |  |  | A |  | 8  E |  | 9  R |  | C |  |  |  | 10  D |  |  |  |  |
|  |  |  |  |  | 11  H |  |  |  |  | S |  |  | 12  A |  |  |  | D |  | I |  | L |  |  |  | E |  |  |  |  |
|  |  | 13  S | 14  E | L | E | C | T | I | V | E | L | Y | P | E | R | M | E | A | B | L | E |  |  |  | N |  |  |  |  |
|  |  |  | P |  | A |  |  |  |  |  |  |  | O |  |  |  | M |  | O |  | U |  |  |  | S |  |  |  |  |
|  |  |  | I |  | D |  | 15  H |  |  | 16  L | Y | M | P | H |  |  | A |  | S |  | S |  |  |  | E |  |  |  |  |
|  |  |  | T |  |  |  | Y |  |  |  |  |  | T |  |  |  |  |  | O |  |  |  |  |  | R |  |  |  |  |
|  |  |  | H |  |  |  | D |  | 17  P | A | T | H | O | L | O | G | Y |  | M |  |  |  |  |  | E |  |  |  |  |
|  |  |  | E |  |  |  | R |  |  |  |  |  | S |  |  |  |  |  | E |  |  |  |  |  | G |  |  |  |  |
|  |  |  | L |  | 18  P | H | O | S | P | 19  H | O | L | I | P | I | D | S |  | 20  S | Q | U | A | M | O | U | S |  |  |  |
|  |  |  | I |  |  |  | P |  |  | Y |  |  | S |  |  |  |  |  |  |  |  |  |  |  | L |  |  |  |  |
|  |  |  | U |  |  |  | H |  |  | P |  |  |  |  | 21  G |  |  |  |  |  |  |  |  |  | A |  |  |  |  |
|  |  |  | M |  |  | 22  G | O | B | L | E | T |  | 23  M |  | 2 |  |  |  | 24  S |  |  |  | 25  C |  | R |  |  |  |  |
|  |  |  |  |  |  |  | B |  |  | R |  |  | I |  |  |  | 26  O |  | M |  |  |  | A |  |  |  |  |  |  |
|  |  | 27  F | A | C | I | L | I | T | A | T | E | D | T | R | A | N | S | P | O | R | T |  | R |  |  |  |  |  |  |
|  |  |  |  |  |  |  | C |  |  | O |  |  | O |  |  |  | M |  | O |  |  |  | T |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | N |  | 28  P | S | E | U | D | O | S | T | R | A | T | I | F | I | E | D |  |  |
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| **Across**  **5.** Fat in our body is called  **7.** This organelle makes ATP or energy  **13.** The plasma membrane is responsible for deciding what can enter or leave the cell. This is called  **16.** Type of liquid connective tissue that helps with filtering of infections  **17.** The study of diseased tissues is called  **18.** The plasma membrane is made of proteins, cholesterol and  **20.** This cell shape has an irregular border  **22.** This type of cell makes mucous  **27.** An ion goes through a doorway. This type of passive movement is called  **28.** this type of epithelium is found in the respiratory tract | **Down**  **1.** The name for a white blood cell  **2.** This type of movement is from a lower concentration to a higher concentration and requires energy  **3.** The phase of mitosis that the chromosomes pull apart  **4.** These help the cell move things  **6.** Where the DNA is located  **8.** the medical term for swelling  **9.** This organelle makes proteins  **10.** Connective tissue found in tendons and ligaments  **11.** This part of a phospholipid is hydrophillic  **12.** Programmed cellular death. To kill a cell we don't need is called  **14.** This type of tissue is found on free surfaces and has tight junctions  **15.** Hate water  **19.** The solution around a red blood cell has a higher concentration of substances  **21.** This part of the cell cycle is where we make a copy of the ogranelles  **23.** To make an identical copy of a cell is called  **24.** This organelle makes lipids  **25.** Type of connective tissue that is avascular  **26.** Movement of water is called |