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Biology unit 2 Vocbaulary

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| **Across**  **2.** Interconnected network of thin, folded membranes that produce,process,and distribute proteins  **3.** Double layer of phospholipid that forms a boundary between a cell and the surroundings environment and controls the passage of materials into and out a cell  **4.** Release of substances out a cell by the fusion of a vesicle with the bread  **6.** Organelle composed of a double membrane that acts as the store house for most of cells DNA  **9.** Diffusion of molecules assisted by protein channels that pierce a cell membrane  **12.** Cell that does not have a nucleus or other membrane-bound organelles  **13.** Organelle composed of numerous membranes that use to convert solar energy into chemical; contains chlorophyll  **15.** Cell that has a nucleus and other membrane-bound organelles  **16.** Movement of dissolved molecules into a fluid or gas from a region of higher concentration to lower concentration  **18.** Jellylike substance inside the cells that contains molecules and in some organelles  **20.** Stack of flat membrane-enclosed spaces containing enzymes that process,sort and deliver proteins  **21.** Organelle that links amino acids together to form proteins  **22.** Movement of molecules across the cell membrane without energy input from the cell | **Down**  **1.** Bean-shaped orgnelle that supplies energy to the cell and has its own ribsomes and DNA  **5.** Energy-requiring movement of molecules across a membrane from a region of lower concentration to a region of higher concentration  **7.** Network of proteins, such as microtubes and microfiaments,inside a eukaryotic cell that supports and shape the cell  **8.** Up wake of liquids or large molecules into a cell by inward folding of the cell membrane  **10.** Solution that has an equal concetration of dissovled particles compared with another solution  **11.** Solution that has a lower concentration of dissolved particles compared with another solution  **14.** Small cylinder-shaped organelle made of protein tubes arranged in a circle; aids mitosis  **17.** Diffusion of water molecules across a semipermable form an are of higher water concentration to an area of higher concentration  **19.** Organelle that contains enzymes |