AP Biology NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

MEMBRANE TRANSPORT

1. Distinguish between passive and active transport.
2. What is tonicity?
3. Define the following terms: Hypertonic, Hypotonic and Isotonic.
4. Describe what happens to cells placed in each of the above solutions.
5. Distinguish between turgid and flaccid.
6. Describe facilitated diffusion.
7. Describe how the sodium-potassium pump works.
8. How do ion pumps maintain membrane potential?
9. Describe the process of endocytosis.
10. Describe the process of exocytosis.