**Cell Summary Homework.**

* Draw and label your diagram showing a Bacterial Cell. Also animal and plant cell structures and functions.

Q) Write a definition for Osmosis. ………………………………………………………………………………………………………………………………………………………………………………………………

Q) Give some advantages and disadvantages of using Stem Cells.

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Q) What is meant by active transport?

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Q) True or false with reasons …Osmosis is the movement of water particles by the process of active transport. ….............................................................................................

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Q) What process allows potassium ions to be absorbed from a pond by water plants? ...................................................................................................

 **Extension.**

**Q** Write notes on the process of Mitosis.

**Q** How do microvilli and mitochondria help in the active transport of digestion from the small intestine to the blood?

**Q** Research and use diagrams to explain how experiments can be shown to demonstrate Osmosis. Clues… Visking tubing, 5% Sucrose, 20% sucrose, distilled water and a large beaker.

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