

Osmosis

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Enter Lesson Code:
01211

Use the video, "Diffusion and Osmosis" (from 4:28), to help you answer the questions.

1. Define "osmosis".

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2.

a. State what happens to an animal cell placed in pure water.

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b. Explain your answer to part a).

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c. Explain why this will not happen to a plant cell placed in pure water.

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3. When a plant cell is placed in a highly concentrated solution (a solution with a low water potential), the cell membrane may pull away from the cell wall. What name is given to this process?

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