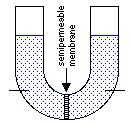
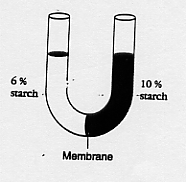
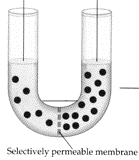
Osmosis Problems: Will water move in or out of the cell

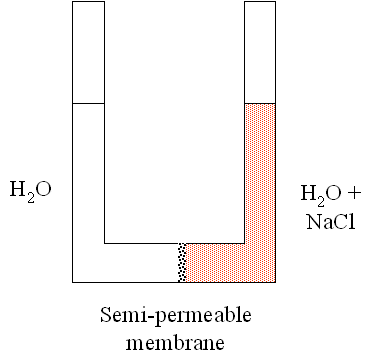
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Environment INSIDE the cell | | Environment OUTSIDE the cell | | Water?  In or out |
| Solute conc | Water Conc. | Solute Conc. | Water Conc. | In or out |
| 20% |  |  | 40% |  |
| 30% |  | 70% |  |  |
|  | 9% |  | 15% |  |
| 20% |  |  | 80% |  |
|  | 60% | 30% |  |  |
|  | 25% | 25% |  |  |
| 60% |  | 50% |  |  |

1. What will happen to a cell placed in distilled water?
2. What will happen to a fish put in distilled water?
3. What will happen to an egg placed in distilled water?
4. What will happen to a cell placed in salt water?
5. What will happen to a freshwater fish placed bin salt water?
6. What will happen to an egg placed in saltwater?

Below: draw an arrow showing the movement of water.







Explain why the inside of the bag will turn black?

