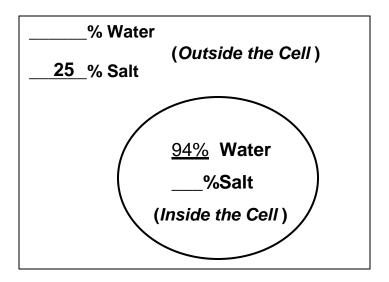
Name	Date	Period
	Biology Homework 1-6: F	Part A
	s a reference tool in addition to the choices and justify your answers.	information provided below.
a plastic bag. They ր they placed the plas	dents conducted an experiment to te coured corn starch into a plastic bag tic bag with corn starch into a beake igh the plastic bag and caused the color.	g and sealed it with tape. Next, er of lodine solution. Over time, the
	ependent variable for this experime e responding variable that is measu	•
a. Corn Stb. Color Cc. Iodine Sd. Plastic I	Solution	
Justification -		
filled with disti the plastic bag adding a few o	ed a plastic bag with a starch solution lled water to soak overnight. The ne g had gained mass. The student test drops of iodine. No color change occ emonstrate that the plastic bag is	ext day, the student observed that ted for starch in the beaker by curred. The results of this
a. permeab. impermec. selectived. a protor	eable ely permeable	
Justification –		
3. Vocabulary. N	Match the following words with the	correct definitions.
homeostasis osmosis passive transp		from high to low concentration

A **solution** is made of a solvent and a solute. The solvent is a fluid in which the solute is dissolved.

Isotonic Solution - The concentration of solutes is equal inside and outside the cell. **Hypertonic Solution** - The concentration of solutes is higher outside the cell. **Hypotonic Solution** - The concentration of solutes is lower outside the cell.

4. Fill in the blanks in the below. Then answer the questions about the osmotic solution.



- a) What is the **solute**?
- b) What is the solvent?
- c) Where is the higher concentration of solute?
- d) Where is the higher concentration of water?
- e) Which direction will the water move?
- f) What type of osmotic solution is shown?