



SCIENCE WORKSHEET

DATE: COURSE.....NAME.....

I WHAT DOES THE WORD **HOMEOSTASIS** MEAN?

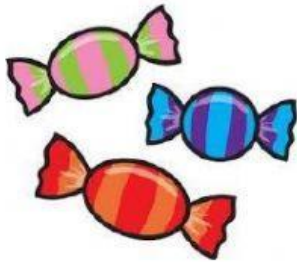
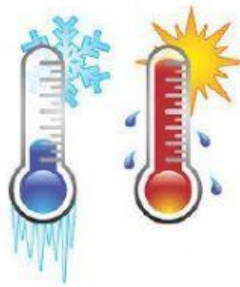
- ☐ The ability to maintain a reasonably stable internal condition regardless of surrounding factors
- ☐ The ability to react to threats by spiking heart rate and blood pressure
- ☐ The ability to maintain a reasonably stable external environment
- ☐ The ability to convert nutrients into energy
- ☐ All of the answers are correct

II Use the keywords below to complete the paragraph.

inject	sugar	hormone	diabetes	blood
pancreas	food	levels	insulin	

Some people suffer from a disease called They do not produce enough of a called from the organ in the body called the Insulin controls the levels. Diabetics have to be careful that they do not eat too much sweet They may also need to themselves with the hormone insulin to help control their blood sugar

III OUR BODIES NEED TO KEEP THREE IMPORTANT INTERNAL CONDITIONS BALANCED, WHAT ARE THEY? CHOOSE **TRUE** or **FALSE**



IV MATCH THE FOLLOWING STATEMENTS



If you get too cold you can develop



If you get too hot you can develop

HEAT STROKE

FROSBITE or HYPOTHERMIA

V On the diagram, circle the effector(s) involved in temperature regulation.

