

Other factors also influence your hunger. A major resource of energy in your body is the blood sugar **glucose**. Glucose is a form of <u>sugar</u> that circulates in the blood and is the body's major source of energy. If your blood glucose level drops, your LH fires to stimulate you to eat and thus triggers hunger.

6. Two biological factors that influence hunger are the hypothalamus and ______

Name Date Period

THE PSYCHOLOGY OF HUNGER

Y et another factor affecting your hunger is **set-point**, the weight range in which your body is programmed to function normally. Although your daily calorie(energy) intake fluctuates, your body maintains a stable weight over the long run by increasing and decreasing metabolism(energy expenditure).

7. What are three biological factors that influence hunger?

PSYCHOSOCIAL FACTORS OF HUNGER

Besides biological or internal factors that influence hunger, there are also external or psychosocial factors that influence hunger and eating. The following are social factors that influence eating behavior.

- · Presence of others When other people are eating, we tend to eat more. The presence of others tends to amplify our natural behavior tendencies.
- · Unit bias The larger the portion size, the more we will eat.
- Food Variety The more variety of food choices we have access to, the more we eat

What are three psychosocial factors that influence hunger?

OBESITY

Obesity in on the rise around the world. Obesity has been associated with heart

disease, diabetes, stroke, arthritis, certain types of cancers, and lower psychological well being.

Genetic Factors

In studies, despite shared family meals, adoptive siblings' body weights are uncorrelated with one another or with those of their adoptive parents. People's weights are similar to their biological parents.

Food and Activity Factors

- Overeating U.S. portion sizes have increased over the 40 years, leading to more caloric intake and encouraging people to eat more
- Inactivity According to U.S. Dept. of Health and Human services, more than 80% of American adults do not meet the guidelines for both aerobic and muscle-strengthening activities. Physical activity among Americans have gone down.
- Studies have shown that people who suffer from sleep loss are more vulnerable to obesity
- Social influence people are more likely to become obese when a friend becomes obese (Christakis & Fowler, 2007)

9. What physical problems are associated with obesity?

10. What are two ways portion size influences our weight?