

# Microeconomics and Human Health Facts

Microeconomics · Answer Key · 8 Questions

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**1. What is the primary nutrient that bones are made of, impacting demand for calcium-rich foods?**

- A) Iron
- B) Calcium**
- C) Vitamin C
- D) Potassium

**2. The human body requires oxygen for cellular respiration, which is a fundamental input for energy production. This can be analogized to which economic concept regarding essential resources?**

- A) Luxury good
- B) Inferior good
- C) Normal good
- D) Necessity good**

**3. Why does the human body require a certain minimum intake of protein to build and repair tissues?**

- A) To increase the body's temperature
- B) To act as a catalyst for digestion
- C) To serve as building blocks for cells and enzymes**
- D) To store excess energy as fat

**4. The average adult human heart pumps approximately how much blood per minute?**

- A) 0.5 liters
- B) 1 liter
- C) 5 liters**
- D) 20 liters

**5. What is the main function of red blood cells in the human body, relevant to understanding resource allocation for bodily functions?**

- A) Fighting infection
- B) Clotting blood
- C) Transporting oxygen**
- D) Producing hormones

**6. The concept of diminishing marginal utility can be observed when consuming a specific type of food. For example, after eating several apples, the satisfaction gained from eating one more apple typically decreases. This relates to the economic principle of:**

A) Economies of scale

**B) Diminishing marginal utility**

C) Opportunity cost

D) Consumer surplus

**7. Which organ is primarily responsible for filtering waste products from the blood and producing urine?**

A) Liver

B) Lungs

**C) Kidneys**

D) Stomach

**8. The human brain uses a significant portion of the body's energy. What percentage of resting energy expenditure does the brain account for?**

A) 5-10%

B) 10-15%

**C) 20-25%**

D) 30-40%