Quiz #2 is an assessment of the DKLO #1. The assessment utilizes multiple choice, matching, and true/false questions to measure student’s ability to apply mathematics and basic sciences required for disciplinary competency.

### Question Breakdown

#### Question 1
- **Description:** The working of a plant is assessed.
- **Answers:**
  - A: photosynthesis
  - B: respiration
  - C: transpiration

#### Question 2
- **Description:** The percent of the US population that is involved in productive agriculture is assessed.
- **Answers:**
  - A: more than 50%
  - B: about 50%
  - C: about 25%

#### Question 3
- **Description:** The economic impact of renewable energy resources is assessed.
- **Answers:**
  - True
  - False

#### Question 4
- **Description:** What share of the US household expenditures are on education or health?
- **Answers:**
  - About 50%
  - About 35%
  - About 25%

#### Question 5
- **Description:** In the United States, how is a renewable fuel labeled?
- **Answers:**
  - Renewable
  - Traditional
  - Alcohol

#### Question 6
- **Description:** How does the presence of E. coli in a well affect the water supply?
- **Answers:**
  - E. coli is present
  - E. coli is not present

#### Question 7
- **Description:** What is the most likely cause of a groundwater pollution problem for the aquifer?
- **Answers:**
  - Drilling for oil
  - Construction activities
  - Landfills

### Answer Keys

**A** - photosynthesis, B - respiration, C - transpiration

A: about 50%, B: about 25%, C: more than 50%

True

E. coli is present

Drilling for oil