

## Learning Assessment

Between April 2014 and February 2016, **176** students have taken GPA.

The assessment is through a Survey Monkey quiz, which has been advertised and administered through emailed newsletters, classes, fliers, events, resident hall meetings, and social media posts.

The following questions are asked on the assessment, with the correct answers bolded. The percent of students who got the question right is bolded next to the correct answer—also included is the mode for each question, which can provide more insightful information.

1. The three core subject areas of sustainable development are:

- a. economic, political, holistic
- b. social, environmental, economic (72%) (mode)**
- c. social, justice, political
- d. environmental, holistic, economic

2. Which one of the following statements about water is not true?

- a. The average U.S. citizen uses approximately 80-100 gallons of water per day.
- b. The quantity of water on earth remains constant.
- c. Bottled water is more regulated than tap water. (42%) (mode)**
- d. 783 million people lack access to safe drinking water.

3. The majority of the world's greenhouse gas emissions are associated with:

- a. Agricultural production **(mode)**
- b. Energy supply (19%)**
- c. Transportation
- d. Methane release from naturally-occurring rifts in undersea formations
- e. Industrial manufacturing

4. What is the largest contributor to Westminster's greenhouse gas carbon footprint?

- a. natural gas
- b. electricity (51%) (mode)**
- c. college funded air travel
- d. commuting

5. According to the 4th Intergovernmental Panel on Climate Change (IPCC), what is the level of certainty that planetary warming is occurring?

- a. 30%
- b. 70%
- c. more than 90% (47%) (mode)**
- d. 100%

6. The wealthiest 15 percent of the world's population uses which percent of the world's resources?

- a. <15%
- b. 30-50%
- c. 80-90% (40%) (mode)**
- d. >91%

7. The average supermarket food item travels approximately how far to reach the store?

- a. 150 miles
- b. 450 miles
- c. 1,500 miles (53%) (mode)**
- d. 2,000 miles

8. Which one of the following is NOT a true regarding biodiversity?

- a. Ecosystems with higher diversity more easily adapt to change
- b. Ecosystems with higher diversity offer a greater number of natural services
- c. Ecosystems with lower biodiversity are more resilient to climate change (49%) (mode)**
- d. Ecosystems with lower biodiversity are less resilient to climate change