

Why Humans Can't Live Off Sunlight Comprehension Questions

1. As part of an experiment, what did Naveena Shine limit her diet to?
 - A. water, fruit, and tea
 - B. sunlight, sugar, and water
 - C. sunlight, water, and tea
 - D. sunlight, water, and fruit

2. This text is organized into two main parts. The first part describes Naveena Shine's experiment and its results. What does the second part mostly describe?
 - A. the long-term and short-term symptoms of organ failure
 - B. how Naveena Shine has reacted to criticism of her experiment
 - C. the process by which plants produce energy
 - D. the process by which humans extract energy from the plants we eat

3. Even after her experiment, Shine believed that humans could live on sunlight. What evidence from the text best supports this conclusion?
 - A. "So, Shine set out to prove her hypothesis. In May, she declared that, for the next six months, she would not eat food."
 - B. "What was Shine's mistake? Well, she made several. Most importantly, she misunderstood how energy is produced in plants versus how it's produced in humans."
 - C. "Shine did not rule the experiment a failure. Instead, she blamed the early termination on several other, more practical factors[.]"
 - D. "Shine appears to have escaped from the experiment without permanent damage—although she did sustain a steep drop in her weight and some credit card debt."

4. How can the tone of this article best be described?

- A. confused and slightly annoyed
- B. sarcastic and very goofy
- C. explanatory and slightly condescending
- D. enthusiastic and excited

5. What is the main idea of this text?

- A. A woman tried to live off sunlight like plants do, but failed because humans and plants produce energy differently.
- B. Because plants can live off sunlight and water, they are further along in the evolutionary process than humans.
- C. Many people have claimed to live off only sunlight, but none of these claims have been proven true.
- D. Plants produce food through a process called photosynthesis, using sunlight, water, carbon dioxide, and minerals.

6. Read these three quotes from Naveena Shine from the text.

Plants live on light, and then we eat plants,' she concluded. 'Are we simply not accessing our inherent ability to live on light?'

'I have the feeling my body has reached a point where it has used up all its stored fats, and is now looking around for what to consume next,' she wrote on Facebook. 'I suspect this might be the point where it decides either find and hook into the source where it is able to live on light, or consume the body for sustenance.'

'From the feedback I am getting,' she wrote, 'it is becoming patently clear that most of the world is by no means ready to receive the information I am attempting to produce.'

Why might the author have included three quotes from Naveena Shine?

- A. to express the author's agreement with Shine's ideas and opinions
- B. to share Shine's ideas and opinions with the reader directly
- C. to suggest that Shine has a better understanding of science than the author
- D. to show that Naveena Shine's conclusions were accurate

7. Choose the answer that best completes the sentence.

Shine's experiment received a lot of criticism. _____, many of her detractors pointed out that, even if her theory was valid, famously cloudy Seattle might not have been the best place to test it out.

- A. As a result
- B. For example
- C. However
- D. Meanwhile

8. According to the author, how would Shine have acted differently if she had a better understanding of photosynthesis and how the human body works?

9. The author mentions that Shine made several mistakes in her experiment. Describe one major mistake that Shine made. **Support your description with details from the text.**

10. What is the author's opinion of Naveena Shine's experiment? Support your answer with evidence from the text.