



Daily Article (Bharath's Reading list) - Answers and Explanations 20.04.2023

Article link : <https://bit.ly/3GVAt6A> (The Algae That Might Save Earth's Coral Reefs)

1. What is the main idea of the article?

- A. The adverse effects of climate change on corals.
- B. Different species of corals and the algae that live inside them.
- C. The symbiotic relationship between algae and coral.
- D. The powerful scientific insights drawn from Zooxanthellae's DNA

Explanation : C

The focus of the article is on the relationship between algae and coral and how, one of the algae's species, *Durusdinium* might potentially be beneficial to the corals' existence. Option 3 is not complete but it's the best answer available as no other option touches on the relationship between algae and coral.

2. What does the author mean by this sentence, "Hoping to learn through osmosis, I wrangled a summer job at the venerated Marine Biological Laboratories in Woods Hole, Massachusetts."

- A. The author got the summer job in the hopes of eventually enrolling as a student at Marine Biological Laboratories.
- B. The author got the summer job with the hope of learning more about corals on the side at Marine Biological Laboratories.

C. The author got the summer job at Marine Biological Laboratories with the hope of converting it into a permanent position with a much higher salary.

D. The author got the summer job because they were particularly interested to learn more about the osmosis process exhibited by corals and algae.

Explanation: B

The author's objective was to learn from the folks at Marine Biological Laboratories. The job was just a means to acquire that learning. Hence the author says "learn through osmosis" which means *the process of gradual or unconscious assimilation of ideas, knowledge, etc.* The next few lines in the same paragraph make this clear.

3. What is the author's view about the relationship between algae and coral?

A. The author is convinced that it's a mutually beneficial relationship.

B. The author is convinced that it's not a mutually beneficial relationship.

C. The author is unsure but is inclined towards the view that it's a mutually beneficial relationship.

D. The author is unsure but is inclined towards the view that it's not a mutually beneficial relationship.

Explanation:

Correct option **C**

The author is unsure and that's clear in the penultimate paragraph. However, throughout the article, the author does incline towards the positive view especially in the case of "Durusdinium".

