



Accidental Discovery: 300-Year-Old Giant Coral Uncovered!

Description

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In the Pacific Ocean near the Solomon Islands, scientists found a huge coral. It's the biggest coral known. At first, they thought it was a wrecked ship. But underwater, they saw a massive coral, like a cathedral.

The coral, called *Pavona clavus*, is 34 meters wide and 32 meters long. It's even bigger than a blue whale and 300 years old. This find was unexpected but exciting for the team.

The coral is a home and food source for many sea creatures. It's important to protect it from pollution and fishing. Climate change also poses a risk. Scientists suggest creating marine protected areas to help preserve coral reefs. This can provide some time for finding solutions to global issues affecting the oceans.

Vocabulary List:

1. **Coral** /'kɔːr.əl/ (noun): A marine invertebrate that typically forms a reef.
2. **Massive** /'mæs.ɪv/ (adjective): Large and heavy; solid and bulky.
3. **Preserve** /prɪ'zɜːrv/ (verb): To maintain something in its original or existing state.
4. **Protect** /prə'tekt/ (verb): To keep safe from harm or injury.
5. **Pollution** /pə'luː.ʃən/ (noun): The presence of harmful substances in the environment.
6. **Climate** /'klaɪ.mət/ (noun): The prevailing weather conditions in a particular area over a long period.

Comprehension Questions

Multiple Choice

1. Where was the world's largest coral discovered?
Option: Atlantic Ocean
Option: Pacific Ocean near the Solomon Islands
Option: Indian Ocean
Option: Arctic Ocean
2. What was the initial mistaken identity of the coral discovered?
Option: A sunken ship
Option: A giant squid
Option: A submarine
Option: A plane wreckage
3. How old is the *Pavona clavus* coral?



- Option: 100 years old
- Option: 200 years old
- Option: 300 years old
- Option: 400 years old

4. What suggestions do scientists provide to protect the coral reefs?

- Option: Increase pollution
- Option: Introduce more fishing
- Option: Create marine protected areas
- Option: Ignore climate change

5. What risk does climate change pose to coral reefs?

- Option: No risk at all
- Option: Increased water temperature
- Option: Depletion of soil nutrients
- Option: More precipitation

6. What is the suggested purpose of creating marine protected areas?

- Option: To harm the coral reefs
- Option: To increase pollution levels
- Option: To preserve coral reefs
- Option: To promote overfishing

True-False

- 7. The discovered coral is smaller than a blue whale.
- 8. Pavona clavus is the name of the world's largest coral.
- 9. The coral reef serves as a home and food source for sea creatures.
- 10. Scientists recommend protecting the coral from pollution and fishing.
- 11. Climate change does not pose any risk to coral reefs.
- 12. Creating marine protected areas can help preserve coral reefs.



Gap-Fill

13. The discovered coral is _____ meters wide and _____ meters long.
14. The coral Pavona clavus is _____ years old.
15. Climate change poses a risk to coral reefs due to increased water _____.
16. It is important to protect the coral from pollution and _____.
17. Scientists suggest creating marine protected areas to help preserve coral _____.
18. The coral serves as a home and food source for many _____ creatures.

Answer

Multiple Choice: 1. Pacific Ocean near the Solomon Islands 2. A sunken ship 3. 300 years old 4. Create marine protected areas 5. Increased water temperature 6. To preserve coral reefs

True-False: 7. False 8. False 9. True 10. True 11. False 12. True

Gap-Fill: 13. 34, 32 14. 300 15. temperature 16. fishing 17. reefs 18. sea

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What is a common dietary supplement used to enhance athletic performance?
- Option: Protein
 - Option: Creatine
 - Option: Vitamin C
 - Option: Iron
2. High levels of which substance in the blood can increase the risk of heart disease?
- Option: Calcium
 - Option: Cholesterol
 - Option: Magnesium
 - Option: Potassium



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3. Which greenhouse gas is primarily produced by livestock farming and decomposition of organic matter?
- Option: Carbon Dioxide
 - Option: Ozone
 - Option: Methane
 - Option: Nitrous Oxide
4. Which term describes a situation where a single company or group owns all or nearly all of the market for a product or service?
- Option: Monarchy
 - Option: Competition
 - Option: Oligopoly
 - Option: Monopoly
5. Which term means to help or assist someone or something?
- Option: Abandon
 - Option: Support
 - Option: Undermine
 - Option: Ignore
6. Which term refers to the presence in or introduction into the environment of a substance or thing that has harmful or poisonous effects?
- Option: Environmentalism
 - Option: Pollution
 - Option: Conservation
 - Option: Sustainability
7. What type of organizational structure distributes decision-making powers to a local level?
- Option: Centralized
 - Option: Hierarchical
 - Option: Decentralized
 - Option: Vertical
8. Which field involves the activities associated with governance of a country or area?
- Option: Science
 - Option: Politics
 - Option: Economics
 - Option: Technology
9. Which term describes being responsible for something or obligated to report explain or justify actions?
- Option: Negligent
 - Option: Accountable
 - Option: Irresponsible



Option: Unreliable

10. Which term means to keep safe from harm injury or destruction?

Option: Expose

Option: Protect

Option: Endanger

Option: Vulnerable

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. _____ people are more susceptible to certain health conditions.

12. _____ are individuals or entities that release significantly more greenhouse gases than the average.

13. A _____ is a legal action brought to resolve a dispute.

14. Facing _____ can lead to personal growth and development.

15. Data _____ can compromise sensitive information.

16. A _____ is formed when two or more parties agree to work together towards a common goal.

17. A _____ is a person who suffers harm or injury as a result of a wrongful act.

18. The _____ of a product can be influenced by various marketing strategies.

19. Celebrities often have a significant _____ on their followers.

20. Engaging in _____ practices can lead to conflicts of interest.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Lack of adequate water intake can lead to the condition of .

22. One of the goals of environmentalists is to natural habitats and wildlife.

23. The average weather conditions prevailing in an area over a long period is known as the .



24. Unsubstantiated can harm a person's reputation.
25. The earthquake caused a disruption to the region displacing thousands of people.
26. Friends and family often provide emotional during challenging times.
27. Efforts to historical landmarks ensure they are maintained for future generations.
28. Reducing carbon is essential for combating climate change.
29. plays a significant role in shaping government policies and decision-making processes.
30. Antitrust laws aim to prevent the formation of in the marketplace.

Answer

Multiple Choice: 1. Creatine 2. Cholesterol 3. Methane 4. Monopoly 5. Support 6. Pollution 7. Decentralized 8. Politics 9. Accountable 10. Protect

Gap-Fill: 11. Elderly 12. Super-emitters 13. Lawsuit 14. Challenges 15. Leaks 16. Partnership 17. Victim 18. Popularity 19. Influence 20. Self-dealing

Matching sentence: 1. Dehydration 2. Protect 3. Climate 4. Accusations 5. Massive 6. Support 7. Preserve 8. Emissions 9. Politics 10. Monopoly

CATEGORY

1. Sci/Tech - LEVEL2

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