

## Coral Reefs Quiz PDF

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**Which of the following is NOT a type of coral reef?**

- Barrier reef
- Fringing reef
- Atoll
- Delta reef

**What is the primary building material of coral reefs?**

- Silica
- Calcium carbonate
- Magnesium
- Iron

**What is the symbiotic algae that live within coral tissues called?**

- Phytoplankton
- Zooxanthellae
- Diatoms
- Cyanobacteria

**Coral reefs are often referred to as the "rainforests of the sea" because of their:**

- Size
- Color
- Diversity
- Location

**Which type of coral is primarily responsible for building reefs?**

- Soft corals
- Black corals

- Hard corals
- Fire corals

**Where is the largest coral reef system in the world located?**

- Caribbean Sea
- Red Sea
- Great Barrier Reef
- Mediterranean Sea

**Explain the role of zooxanthellae in the health of coral reefs.**

**Describe the process and impact of coral bleaching on reef ecosystems.**

**Discuss the economic importance of coral reefs to coastal communities.**

**What are some of the global initiatives aimed at protecting coral reefs?**

**How does ocean acidification affect coral reefs, and what are its causes?**

**Why is biodiversity important in coral reef ecosystems, and how does it contribute to their resilience?**

**Which of the following are threats to coral reefs?**

- Climate change
- Overfishing
- Ocean acidification
- Desertification

**What are some of the ecosystem services provided by coral reefs?**

- Coastal protection
- Carbon storage
- Tourism

- Space exploration

**What factors contribute to coral bleaching?**

- Rising sea temperatures
- Excess excessive sunlight
- Pollution
- Low salinity

**Which human activities can negatively impact coral reefs?**

- Coastal development
- Sustainable fishing
- Tourism
- Deforestation

**What is a major consequence of coral bleaching?**

- Increased coral growth
- Coral death
- Enhanced biodiversity
- Improved water clarity

**What temperature range do coral reefs typically thrive in?**

- 5-15°C
- 18-30°C
- 30-40°C
- 40-50°C

**Which regions are known for having significant coral reef systems?**

- Arctic Ocean
- Caribbean Sea
- Indian Ocean
- Mediterranean Sea

**What are some methods used in coral reef conservation?**

- Coral farming

- Marine protected areas
- Deep-sea mining
- Restoration projects