

Marine Biology Basics

Marine Biology · Answer Key · 15 Questions

1. Which of the following is the largest species of shark in the ocean?

- A) Great White Shark
- B) Whale Shark**
- C) Hammerhead Shark
- D) Tiger Shark

2. What type of organism is a coral, despite often being mistaken for a rock or a plant?

- A) An animal**
- B) A fungus
- C) A mineral
- D) A type of seaweed

3. Which zone of the ocean receives enough sunlight for photosynthesis to occur?

- A) Abyssal zone
- B) Hadal zone
- C) Photic zone**
- D) Midnight zone

4. What do marine biologists call the process where corals expel the algae living in their tissues due to stress?

- A) Coral bleaching**
- B) Coral blooming
- C) Coral erosion
- D) Coral calcification

5. Which of these marine mammals belongs to the group known as pinnipeds?

- A) Dolphin
- B) Manatee
- C) Walrus**
- D) Blue Whale

6. What is the primary substance that makes up the hard exoskeleton of a crab?

- A) Calcium carbonate
- B) Chitin**
- C) Keratin
- D) Silica

7. Which ocean is the largest and deepest on Earth?

- A) Atlantic Ocean
- B) Indian Ocean
- C) Arctic Ocean

D) Pacific Ocean

8. Sea turtles are reptiles. How do they primarily breathe?

A) Through gills

B) Using lungs

C) Through their skin

D) By absorbing oxygen from water

9. What is the term for the movement of cold, nutrient-rich water from the deep ocean to the surface?

A) Upwelling

B) Tidal surge

C) Current drift

D) Thermal expansion

10. Which cephalopod is known for having three hearts?

A) Squid

B) Nautilus

C) Octopus

D) Cuttlefish

11. What do baleen whales use their comb-like plates for?

A) Defense against predators

B) Attracting mates

C) Filtering plankton from water

D) Crushing shells

12. Which of these is a microscopic, floating organism that forms the base of the marine food web?

A) Zooplankton

B) Phytoplankton

C) Macroalgae

D) Benthic detritus

13. How many legs does a typical decapod crustacean, such as a lobster, have?

- A) Six
- B) Eight
- C) Ten**
- D) Twelve

14. What is the primary salt found in seawater?

- A) Magnesium sulfate
- B) Sodium chloride**
- C) Potassium nitrate
- D) Calcium carbonate

15. Which marine fish is famously known for the male being the one to carry eggs in a pouch?

- A) Clownfish
- B) Seahorse**
- C) Lionfish
- D) Tuna