

Marine Biology Basics

Marine Biology · Practice Test · 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