

Marine Biology Essentials

Marine Biology · Practice Test · 15 Questions

1. Which marine mammal is known for having the densest fur of any animal, helping it stay warm without blubber?

- A) Sea Otter
- B) Weddell Seal
- C) Polar Bear
- D) Bottlenose Dolphin

2. What is the primary substance that makes up the hard skeletons of reef-building corals?

- A) Calcium Carbonate
- B) Silica
- C) Magnesium Oxide
- D) Iron Ore

3. Which zone of the ocean, also known as the 'twilight zone,' is where sunlight begins to fade but is still present?

- A) Abyssal Zone
- B) Bathypelagic Zone
- C) Mesopelagic Zone
- D) Epipelagic Zone

4. What do giant squids primarily use their specialized tentacles for?

- A) Photosynthesis
- B) Capturing prey
- C) Filtering plankton
- D) Floating on the surface

5. Which of these is a cartilaginous fish, meaning its skeleton is made of cartilage instead of bone?

- A) Clownfish
- B) Great White Shark
- C) Bluefin Tuna
- D) Red Snapper

6. What is the process by which some deep-sea organisms create their own light using chemical reactions?

- A) Bioluminescence
- B) Photosynthesis
- C) Chemosynthesis
- D) Reflection

7. Which sea creature is famous for being able to regenerate its limbs if they are lost to a predator?

- A) Sea Star
- B) Manta Ray
- C) Green Sea Turtle
- D) Moray Eel

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

- A) Digging in the sand
- B) Filtering small prey from water
- C) Attacking large predators
- D) Communicating with pods

9. Which marine crustacean is a keystone species in the Southern Ocean and a primary food source for many whales and penguins?

- A) Blue Crab
- B) Antarctic Krill
- C) Lobster
- D) Hermit Crab

10. What is the largest species of ray in the ocean?

- A) Stingray
- B) Eagle Ray
- C) Manta Ray
- D) Electric Ray

11. Which marine plant is a type of seagrass that forms meadows and serves as a nursery for many fish species?

- A) Kelp
- B) Posidonia
- C) Phytoplankton
- D) Mangrove

12. What is the average salinity of the Earth's oceans?

- A) 3.5 percent
- B) 10 percent
- C) 0.5 percent
- D) 25 percent

13. Which of these is a type of marine mollusk that has no external shell but is known for its bright colors?

- A) Nudibranch
- B) Oyster
- C) Scallop
- D) Chiton

14. What role do mangroves play in coastal marine biology?

- A) They filter salt out of the ocean
- B) They provide protection and habitat for juvenile fish
- C) They produce all the oxygen for the ocean
- D) They hunt small sharks

15. Which marine reptile is the only living member of its entire order, often referred to as a 'living fossil'?

- A) Leatherback Turtle
- B) Tuatara
- C) Marine Iguana
- D) Saltwater Crocodile