GOLDEN PLAYBOX

Ocean and Coast Trivia



Questions 1-4 | Circle one answer

1. Which ocean is the largest?

A. Arctic
B. Indian
C. Pacific

2. Which ocean surrounds the North Pole region?

A. Southern
B. Arctic
C. Indian

3. What gives seawater its familiar salty taste?

A. Dissolved salts
B. Dissolved sugar
C. Tiny air bubbles

4. What are the regular rises and falls of sea level called?

A. Tides
B. Dunes
C. Reefs

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Questions 5-8 | Circle one answer

5. Are coral polyps animals or plants?

A. Neither; they are rocks
B. Animals
C. Plants

6. Which marine mammal breathes air through lungs?

A. Cod
B. Herring
C. Dolphin

7. What is an estuary?

A. Where river water mixes with seawater
B. A mountain summit
C. A desert dune

8. What is the collective term for aquatic organisms that drift with currents?

A. Pebbles
B. Mangroves
C. Plankton

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Questions 9-12 | Circle one answer

9. What is a mangrove best described as?

A. A floating iceberg
B. A salt-tolerant coastal tree or shrub
C. A deep-sea fish

10. What causes most ordinary surface ocean waves?

A. Underwater trees
B. Wind
C. The Moon changing color

11. Which marine animal has eight arms?

A. Sea turtle
B. Lobster
C. Octopus

12. What is a lighthouse traditionally used for?

A. Helping navigation near coasts
B. Measuring fish weight
C. Making tides higher

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Answer guide 1-4 | Keep with host

1. C. Pacific

The Pacific is the largest ocean basin. Naming ocean basins helps describe a connected global ocean rather than separate bodies sealed off from one another.

2. B. Arctic

The Arctic Ocean lies around the North Pole. Antarctica is at the opposite end of the planet, surrounded by the Southern Ocean.

3. A. Dissolved salts

Seawater contains dissolved salts. Rivers, rocks and geological processes contribute materials to the ocean over time; the salt is not produced by waves.

4. A. Tides

Tides are recurring changes in sea level, strongly influenced by the Moon and Sun. Wind-driven waves are a different kind of water movement.

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Answer guide 5-8 | Keep with host

5. B. Animals

Coral polyps are animals. Reef-building corals often live with algae, which can make the animal-and-plant relationship more interesting than the first answer suggests.

6. C. Dolphin

A dolphin is a mammal and breathes air. It must reach the surface, unlike fish that obtain oxygen from water using gills.

7. A. Where river water mixes with seawater

An estuary is a coastal meeting place for fresh and salt water. Such areas vary with tides and river flow rather than having one fixed salinity.

8. C. Plankton

Plankton include many kinds of drifting organisms. The term describes their relationship to currents rather than naming one single species of plant or animal.

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Answer guide 9-12 | Keep with host

9. B. A salt-tolerant coastal tree or shrub

Mangroves grow in coastal settings and tolerate salty conditions. Their roots create habitat and help distinguish these forests from ordinary inland woodland.

10. B. Wind

Wind transfers energy to the surface and produces many familiar waves. Tsunamis have different causes, so the wording deliberately specifies ordinary surface waves.

11. C. Octopus

An octopus has eight arms. This familiar feature makes a useful contrast with other marine animals without asking participants to remember a scientific species name.

12. A. Helping navigation near coasts

A lighthouse provides a navigational signal. Different lights and patterns help mariners recognize locations; a lighthouse does not control the surrounding sea.