

### *Lesson 3.06 Practice Text Only Version*

1. What coastal water ecosystem is located along coasts, has a mixture of seawater and freshwater, and whose main types of plants are grasses?

Answer: Tidal Marshes

Feedback: Tidal marshes have a higher salt content than non-tidal marshes because they are located in the coastal waters where sea and fresh water mix.

2. Which aquatic ecosystem is created by rivers that enter the ocean and mix with salt water?

Answer: Estuary

Feedback: Estuaries occur where rivers empty into the ocean and you have freshwater and saltwater mixing.

3. What is the mixture of freshwater and seawater called?

Answer: Brackish Water

Feedback: Brackish water occurs in many of your coastal water ecosystems.

4. What coastal water ecosystem is the breeding/nesting area for migratory birds, such as ducks?

Answer: Wetlands

Feedback: Migratory birds use different types of wetlands as sources of food and as places to reproduce and nest.

5. The area of the beach that is located between the water levels at high tide and at low tide is called a(n)\_\_\_\_\_.

Answer: Intertidal Zone

Feedback: The intertidal zone is above the water level at low tide and under the water at high tide.

6. What is the major coastal water biome used by many commercial fish for breeding/spawning?

Answer: Estuary

Feedback: Many commercial fish travel into the mouths of rivers and up streams to spawn/breed.

7. What coastal water ecosystems are located in intertidal zones and can be small or large areas of water that collect in the low areas of sand or in areas surrounded by rocks?

Answer: Tidal Pool

Feedback: Tidal pools have organisms such as starfish and hermit crabs that can live in these pools their entire lives.

8. What coastal water biome is the main source of ridding sediment from runoff that is suspended in the rivers water before entering the ocean?

Answer: Estuary

Feedback: Estuaries have buildup of sediments that settle out of the river water before entering the sea.

9. What coastal water ecosystem is responsible for helping control flooding by soaking up the extra water?

Answer: Wetlands

Feedback: Wetlands help soak up extra water from floods and also help in drought situations by releasing water into rivers and streams.

10. Which of the following ecosystem's salinity is not influenced by the tides?

Answer: Non-tidal Marsh

Feedback: Non-tidal marshes are not connected to saltwater sources; therefore, their salinity is not influenced by the tide.