

Round: EXTRA A

1. Name the largest coral reef in the world.

Great Barrier Reef (1pt) in Australia (1pt)

2. What are two (2) ecosystem services provided by healthy coral reefs?

Any 2 of the following (2 pts each; 4 pts total):

- Source of food
- Provide habitat
- Recreation
- Tourism
- Source of new medicines
- Hotspots of marine biodiversity
- Protect coastlines from storms and erosion
- Spawning and nursery grounds important fish species
- Provide jobs and income to local economies

3. List four (4) human related activities that have the potential to adversely affect coral reefs.

Any 4 of the following (1 pt each; 4 pts total):

- Overfishing
- Coral mining
- mooring/anchoring
- Agricultural practice
- Destructive fishing
- increased tourism
- shipping lanes
- Oil spills
- Construction practices
- Coastal development
- removing animals for recreational purposes

4. List three (3) natural stressors to coral reefs.

Any 3 of the following (2 pts each; 6 pts total);

- Storms
- Hurricanes
- Cyclones
- El Niño
- Earthquakes
- Overpopulation
- Predators
- Disease

5. Name two (2) restoration technologies used to help restore the natural function of coral reefs.

Low voltage electrical currents applied through seawater crystallizing or fuse sediments (2 pts)

AND Placement of propagated reef-building corals unto substrate (2 pts)