



EASY

Question Type: Bonus

Question Format: Short Answer

Category: Biology

Question:

Which organisms form the base of the food chain at hydrothermal vents due to their ability to convert carbon and nutrients into organic matter in the absence of sunlight?

Correct Answer:

Chemosynthetic Bacteria





EASY

Question Type: Tossup
Question Format: Multiple Choice

Category: Biology

Correct Answer: Z

Question:
Northern elephant seals come ashore during the spring and summer
to do what?
A service of NAI
Answer W:
Mate
Answer X:
Give birth
Answer Y:
Eat
Answer Z:
Molt their fur





NATIONAL OCEAN SCIENCES BOWL MODERATE Type: Bor

Question Type: Bonus
Question Format: Short Answer

Category: Biology

Correct Answer: Z

Question:
The habitat of blue whales, tunas and swordfishes is best described
as:
Answer W:
Benthic
Answer X:
Littoral
Answer Y:
Estuarine
Answer Z:
Pelagic





MODERATE
Question Type: Bonus
Question Format: Multiple Choice

Category: Biology

Correct Answer: Y

Question:
Intensive aquaculture of which of the following organisms has
contributed to loss of mangroves around the world?
Answer W:
Tilapia
Answer X:
Cod
Amouran V.
Answer 1:
Shrimp
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Answer 7.
Salmon
Answer Y:





DIFFICULT

Question Type: Tossup

Question Format: Multiple Choice

Category: Biology

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Lophelia (LO-fee-lee-ua) coral reefs in the North Atlantic are being primarily damaged by:

Answer W:

Rising temperature

Answer X:

Trawling

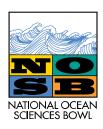
Answer Y:

Cyanide poisoning

Answer Z:

Pfiesteria (fi-stear-ee-ah)

Correct Answer: X





DIFFICULT

Question Type: Tossup

Question Format: Multiple Choice

Category: Biology

Question:

Seals have a variety of adaptations for deep dives. To avoid nitrogen narcosis, which adaptation is most helpful?

Answer W:

ATP production by fermentation rather than respiration

Answer X:

Exhaling at the start of the dive and collapsing the lungs

Answer Y:

Reliance upon stored oxygen in blood and muscles

Answer Z:

Re-routing blood flow to where it is most needed

Correct Answer: X