



TECHNOLOGY QUESTIONS



EASY

Question Type: Tossup

Question Format: Multiple Choice

Category: Technology

Question:

An XBT is an oceanographic instrument that measures which of the following parameters?

Answer W:

Salinity

Answer X:

Oxygen

Answer Y:

Iron

Answer Z:

Temperature

Correct Answer: Z

Question ID: 17458

Packet Number:



TECHNOLOGY QUESTIONS



EASY

Question Type: Bonus

Question Format: Short Answer

Category: Technology

Question:

A box corer is used for collecting samples of what?

Answer W:

Sediment

Answer X:

Fish

Answer Y:

Water

Answer Z:

Plankton

Correct Answer: W



TECHNOLOGY QUESTIONS



MODERATE

Question Type: Bonus

Question Format: Multiple Choice

Category: Technology

Question:

Ocean Thermal Energy Conversion generates electricity by utilizing a large temperature gradient to run a:

Correct Answer:

Heat Engine

Question ID: 17296

Packet Number:



TECHNOLOGY QUESTIONS



MODERATE

Question Type: Tossup

Question Format: Multiple Choice

Category: Technology

Question:

When calculating a position fix, a GPS receiver solves for four position variables: longitude, latitude, height, and what other variable?

Answer W:

Satellite speed

Answer X:

Receiver speed

Answer Y:

Receiver time drift

Answer Z:

Satellite time drift

Correct Answer: Y



TECHNOLOGY QUESTIONS



DIFFICULT

Question Type: Bonus

Question Format: Short Answer

Category: Technology

Question:

This tool is towed along the seafloor while tethered to a moving vessel in order to collect edible, bottom-dwelling organisms:

Correct Answer:

Scallop Dredge

Question ID: 17602

Packet Number:



TECHNOLOGY QUESTIONS



DIFFICULT

Question Type: Tossup

Question Format: Multiple Choice

Category: Technology

Question:

The first reliable measurement of the average depth of an ocean was made by which method?

Answer W:

Timing the speed of earthquake-generated waves in the Pacific

Answer X:

Repeatedly lowering a lead line or sounding line in Antarctica

Answer Y:

Using acoustic depth sounders in the Atlantic

Answer Z:

Collecting deep sea sediments from multiple sites in the Arctic

Correct Answer: W