

We're turning 50!



In 2012, Canada's largest ocean research facility, the Bedford Institute of Oceanography (BIO), will celebrate 50 years of oceanographic excellence. Answer the questions below, to see what you know about our fascinating ocean research. To learn more about us, book a guided tour of our campus (in Dartmouth, NS) this summer by contacting us at (902) 426-4306.

- 1) The Marine Protected Area off the coast of Nova Scotia, aka the Gully, is the largest submarine canyon in Eastern North America. True False
- 2) The Gully is located 200 _____ off the coast of Nova Scotia near Sable Island.
a. feet b. meters c. kilometres d. miles
- 3) The leatherback turtle has not changed since before the age of the dinosaurs. It has been swimming the world's oceans for more than 90 million years. True False
- 4) Atlantic Salmon spawn in fresh water, but spend much of their life at sea. True False
- 5) The blue shark is probably the most common large shark seen in Canadian waters. It is one of the most easily recognized sharks. It gets its name –
a. for its gorgeous blue eyes, or
b. because of its beautiful deep indigo blue colour from above and vibrant blue on its sides, or
c. because it often gets a case of the blues.
- 6) Great White Sharks can easily tolerate temperature differences from sub arctic conditions to inshore tropical areas and probably has one of the widest habitat ranges of any fish. Great White Sharks can be found in waters off Nova Scotia:
a. Frequently b. Rarely c. Never
- 7) Halifax Harbour is the largest ice-free and most studied port in the world. True False



- 8) There are about 9 shipwrecks at the bottom of the Harbour. True False
- 9) What does "multi-beam" signify?
a. an array of sound pulses from a ship in a fan shape
b. the study of underwater depths of lake or ocean floors.
c. When you fish with two flashlights

- 10) What is the difference between an ROV and an AUV?
a. AUVs are autonomous, meaning they are not controlled or powered by someone out of the water, like ROVs.
b. ROVs are much bigger than AUVs – almost 10 times the size.
c. ROVs are autonomous, meaning they are not controlled or powered by someone out of the water, like AUVs.

