Praxis Core Math 5733 Exam 2062

Section: 5752 Core Academic Skills for Educators • **Total Questions:** 1 • **Format:** Verified Q&A

1. Which of the following, if true, would most undermine the effectiveness of the proposed strategy described in the passage for counteracting the greenhouse effect?

> *An unusual strategy called iron fertilization has recently been proposed to counteract the greenhouse effect, the process of global warming believed to be caused by a buildup of carbon dioxide in the atmosphere. It has been suggested that the Southern Ocean's unusually low concentrations of single-celled plants called phytoplankton result from an iron deficiency that keeps these organisms from making full use of the rich supplies of available nutrients. If so, fertilizing the waters with iron could enhance phytoplankton photosynthesis. Over time, enhanced photosynthesis would pull large amounts of carbon dioxide from the atmosphere, helping to counteract the buildup of this greenhouse gas.*

(A) The low population density of phytoplankton in the Southern Ocean is due to something other than an iron deficiency.

(B) The buildup of carbon dioxide in the Earth's atmosphere is caused by industrial rather than natural emissions.

(C) There is a process capable of measuring the rate at which phytoplankton photosynthesize.

(D) New forms of single-celled plant life that rely on iron for photosynthesis have been detected.

(E) Some carbon dioxide is regularly pulled out of the atmosphere through naturally occurring processes.