SÈRIE 3

Qüestions d'opció múltiple

HOW MUCH DO WHALES REALLY EAT?

Cada qüestió val un punt. En les qüestions d'opció múltiple, es descomptaran 0,33 punts per cada resposta incorrecta; per les qüestions no contestades no hi haurà cap descompte. En la resta de qüestions, es descomptaran 0,05 punts per cada falta d'ortografia, de morfologia, de lèxic o de sintaxi.

Si una falta es repeteix, només es descomptarà una vegada.

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1 Scientists now believe that

b) whales can eat more than 10 tons of food in one day.

2. Which of the following best describes the findings of the new study mentioned in the text?

a) Whales eat more food than previously thought.

3. Scientists first started studying the food whales eat primarily because

b) they wanted to study the effects of pollution on whales.

4. How did earlier scientists use to calculate how much whales eat?

c) They projected the amount of food based on food eaten by other animals.

5. Why does whale excrement contain a high concentration of iron?

b) Because the crustaceans they eat have a lot of iron.

6. Why would 19th century sailors have described ocean seas as red?

c) Because they were full of shrimp-like creatures.

7. Which of the following is a proper, grammatical reformulation of As a result of eating so much krill in the sentence "As a result of eating so much krill, whales expel tons of excrement containing a high concentra- tion of iron"? Make sure your reformulation does not change the meaning of the original.

d) Since they eat so much krill

8. Which of the following expressions is synonymous with, and can replace with no change in meaning, anymore in the phrase "the seas are not red anymore"?

a) any longer

Please answer the following questions in English. (Please do not copy text but rather answer in your own words; your answers should be between 40 and 60 words in length.)

9. How have the methods used to measure the amount of food whales eat changed over the years?

The text says that scientists used to study the stomach contents of dead whales or estimated the amount of food eaten by whales based on the amount of food eaten by smaller animals. Today scientists know that whales eat krill, so they use sonar to measure the amount of krill.

10. Describe in your own words the circular relationship between whales and krill.

The text says that whales eat krill and then expel excrement that is rich in iron, which, in turn, helps to sustain krill. With lots of krill in the ocean, whales had lots of food and multiplied. The whales then ate more krill and produced more excrement, which helped to sustain the amount of krill. When many whales were killed, less excrement was produced and not so much krill could be sustained, so there was less food for whales to eat.

In grading questions 9 and 10, grammar and vocabulary are much more important than preciseness of content, although the answers should address the questions.