

Practice Section 1 (Questions 1–7) The questions in this part are based on two paragraphs about historical events. Choose the one best answer, and fill in the correct oval. Answer all questions according to what is stated directly or implied in the paragraph.

Paragraph 1:

Gregor Mendel was the first person to make precise observations about the biological mechanism of inheritance. This happened a little over 100 years ago in Austria, where Mendel spent his leisure hours performing experiments with pea plants of different types. He crossed them carefully and took notes about the appearance of various traits,

or characteristics, in succeeding generations. From his observations, Mendel formed a set of rules, now known as the Mendelian Laws of Inheritance, which were found to apply not only to plants but to animals and human beings as well. This was the beginning of the modern science of *genetics*.

1. The importance of Gregor Mendel is that he was the first person to _____.
☐ (A) imagine that there existed a precise mechanism for inheritance
☐ (B) approach the problem of inheritance scientifically
☒ (C) think about why animals and plants inherit certain characteristics
☐ (D) invent the word genetics
2. When did Mendel perform his experiments?
☐ (A) in ancient times
☐ (B) in the 1680s
☐ (C) in the 1860s
☒ (D) at the beginning of last century
3. Why did Mendel do this work?
☐ (A) He formed a set of rules.
☒ (B) He enjoyed it.
☐ (C) He lived in Austria.
☐ (D) He was paid for it.
4. The Mendelian Laws of Inheritance describe the transmission of biological traits in _____.
☐ (A) plants
☐ (B) animals
☐ (C) human beings
☒ (D) all of the above

Paragraph 2:

The magnificent warship *Wasa*, which sank after its first "voyage" of some 1,500 yards, was salvaged and restored, after lying at the bottom of Stockholm's harbor for over 330 years. The ship now rests in the National Maritime Museum of that city.

5. The *Wasa* sank around the year _____.

☐ (A) 1330

☒ (C) 1650

☐ (B) 1500

☐ (D) 1960

6. Which of the following statements about the *Wasa* is probably not true?

☐ (A) It met with a catastrophe shortly after being built.

☒ (B) It carried many soldiers and cannons.

☐ (C) It was a veteran of many hard-fought battles.

☐ (D) It was raised by modern salvaging techniques.

7. The *Wasa* ship appears to be _____.

☒ (A) Swedish

☐ (C) American

☐ (B) Dutch

☐ (D) British