

## What Is Science?

- 1 Christopher wanted to learn more about Ganymede, one of Jupiter's moons. Which of the following sources of information would be Christopher's **best** choice?
- (A) his friends
  - (B) the local newspaper
  - (C) a neighborhood survey
  - (D) a university's astronomy web page
- 2 Taylor made some observations and has a question he would like to answer. What should Taylor do next?
- (F) form an opinion
  - (G) analyze evidence
  - (H) plan and conduct an investigation
  - (I) draw conclusions and communicate results
- 3 Joseph wonders what kinds of birds live in his neighborhood. What skill will Joseph use to investigate the variety of birds in his neighborhood?
- (A) infer
  - (B) observe
  - (C) order
  - (D) communicate
- 4 Scientists conduct investigations. What is the **main** reason for scientific investigations?
- (F) to practice doing experiments
  - (G) to learn about recent discoveries
  - (H) to demonstrate scientific procedures
  - (I) to answer questions about the natural world
- 5 Sometimes scientists repeat the research of other scientists. Which of the following is the **most likely** reason scientists do this?
- (A) to form new theories
  - (B) to improve the research
  - (C) to win prizes for their work
  - (D) to verify that the work is accurate