ANSWERS TO SELECTED EXERCISES

Exercise 1.1

- 1. N This merely states a non-supportable fact.
- 2. S This states an opinion needing support.
- 3. N
- 4. S
- 5. S
- 6. N
- 7. N This states a false fact.
- 8. S
- 9. S
- 10. N
- 11. N
- 12. N
- 13. S
- 14. N
- 15. S

Exercises 1.2, 2.1, 3.1 and 4.1 are to be found below.

- 1. Throughout history, many inventions have had a profound impact on society. The computer is one invention that has benefited society greatly. This benefit has been realized through the computer's quickness, reliability; and performance.
- 5. The computer is the fastest calculating machine known to man. It can process data composed of millions of items in less than a minute. Because of this feature, many tasks that had previously taken days or week can be performed by the computer in a matter of seconds. Putting the computer's quickness to work, businesses have been able to increase their productivity. Quickness is one aspect that identifies the computer as a great benefit to society.

- 12. The computer is also one of the most reliable machines in one society. When compared to the number of computers in use, there are very few cases of computer failure. Most errors commonly associated with computers turn out to be the result of human error. The reliability of the computer has increased the accuracy and efficiency of many aspects of government and business. When we think about something being available when it is needed, reliability is an important aspect that identifies the computer as a benefit to society.
- 21. Notwithstanding the computer's quickness and reliability, the performance of the computer is its most important societal benefit. There is a computer that can perform any task. For example, computers control robots building cars on automobile assembly lines. Also, computers are used to design aircraft, assist in flight reservation and aid the pilot in flying. There are computers that obey voice commands and assist the handicapped. In every area, in our lives, the performance of a computer can be equaled by no other machine.
- 30. The quickness, reliability, and the many applications of the computers are the major benefits the computer provides to society today. Because of these things, and all that computers will do for us in the future. The computer is the most beneficial invention in human history.