CHAPTER 5

Solutions to the Even-Numbered Questions in the Text

5.1

2.

1 = Franklin is a dog.	A = Most dogs bark.
2 = Franklin probably barks.	B = Barking dogs disturb neighbors.
3 = Franklin will disturb the neighbors.	

$$\frac{1 + A}{\downarrow}$$
$$\frac{2 + B}{\downarrow}$$
$$3$$

4.

1 = Everybody loves everybody.	A = Sonya is a person.
2 = Sonya loves everybody.	B = John is a person.
3 = Sonya loves John.	

$$\frac{1 + A}{\downarrow}$$
$$\frac{2 + B}{\downarrow}$$
$$3$$

6.

1 = Unlike the American economy, the Japanese economy is diversified.	A = The American economy is not diversified.
2 = The American economy will not grow rapidly.	B = The Japanese economy is diversified.
3 = The Japanese economy will grow rapidly.	C = An economy will grow rapidly if but only if it is diversified.

$$
\begin{array}{cc}
& \underline{1} \\
& \swarrow \ \searrow \\
\underline{C + A} & \underline{B + C} \\
\downarrow & \downarrow \\
2 & 3
\end{array}
$$

8.

1 = No third-party candidate has won the presidency in the last 50 years.	A = When a party becomes entrenched, it makes it hard for other parties to win in the future.
2 = Either the Republican or Democrat will win.	
3 = If either the Republican or Democrat wins, then no third party will win in the future.	
4 = When any party is in office, it becomes entrenched.	
5 = No third party will in the immediate future.	

$$
\begin{array}{cc}
\underline{1} & \underline{4 + A} \\
\downarrow & \downarrow \\
2 & + \quad 3 \\
& \downarrow \\
& 5
\end{array}
$$

10.

1 = People fear crime.	A = Crime is growing.
2 = We should increase the number of police officers.	
3 = Any increase in the number of government workers requires an increase in taxation.	
4 = We should increase taxes.	
5 = Police officers are government workers.	
6 = We should make the tax system more fair.	
7 = If the tax system is unfair, people won't pay more taxes.	

$$
\begin{array}{c}
\underline{1 + A} \\
\downarrow \\
\underline{2 + 3 + 5} \\
\downarrow \\
\underline{4 + 7} \\
\downarrow \\
6
\end{array}
$$

12.

1 = People are basically dishonest.	A = Legal systems are run by people.
2 = People are basically greedy.	
3 = Any legal system is open to abuse.	
4 = No society will be free from crime.	
5 = No society will be free from lawyers and criminals.	
6 = Crime means criminals.	

$$
\begin{array}{c}
\underline{1 + 2 + A} \\
\downarrow \\
\underline{3} \\
\downarrow \\
\underline{4 + 6} \\
\downarrow \\
5
\end{array}
$$

14.

1 = Fred was out of the country when the murder was committed.	A = You can't kill a person if you are in a different country.
2 = Fred passed a lie detector test.	B = People who pass a lie detector test are usually innocent.
3 = Fred didn't commit the crime.	
4 = Fred should be released.	
5 = The police should look for a new suspect.	

$$
\begin{array}{cc}
\underline{1 + A} & \underline{2 + B} \\
\searrow & \swarrow \\
& \underline{3} \\
& \swarrow \searrow \\
4 & 5
\end{array}
$$

5.2

NOTE: It was mentioned earlier that it's sometimes rather arbitrary to what extent unstated assumptions needed to be listed for the analysis of an enthymeme. In the solutions to questions in this section, we have provided a fairly sparse number of them; one should feel free to add more.

2.

1 = Bill is a loner.	A = Bill is a person.
2 = Loners are distrusted.	
3 = Bill will be distrusted.	
4 = People who are distrusted are disliked.	
5 = Bill will be disliked.	

$$\frac{1 + 2}{} \\ \downarrow \\ \frac{3 + A + 4}{} \\ \downarrow \\ 5$$

4.

1 = Smythe or Tammy or the butler killed Lord Louse.	A = You cannot kill someone if you are in a different city.
2 = Smythe was in Blythe.	B = Lord Louse was not killed in Blythe.
3 = Tammy was in Miami.	C = Lord Louse was not killed in Miami.
4 = The butler hated Lord Louse.	D = The butler was in the same city in which Lord Louse was killed.
5 = The butler killed Lord Louse.	E = Hatred is a motive for murder.
6 = Smythe was not Lord Louse's killer.	
7 = Tammy was not Lord Louse's killer.	

$$\frac{2 + A + B}{\downarrow} \quad \frac{3 + A + C}{\downarrow} \\ \frac{6 \;+\; 1 \;+\; 7 \quad 4 + E + D}{\searrow \qquad \swarrow} \\ 5$$