SECTION 1.2

3. a) NP  b) VP  c) AP
   \[
   \begin{array}{c}
   N' \\
   N \\
   the \\
   zoo
   \end{array}
   \begin{array}{c}
   V' \\
   V \\
   always \\
   try
   \end{array}
   \begin{array}{c}
   A' \\
   A \\
   so \\
   witty
   \end{array}
   \]

d) VP  e) AP  f) NP
   \[
   \begin{array}{c}
   V' \\
   V \\
   perhaps \\
   pass
   \end{array}
   \begin{array}{c}
   A' \\
   A \\
   less \\
   bleak
   \end{array}
   \begin{array}{c}
   N' \\
   N \\
   this \\
   house
   \end{array}
   \]

g) AP  h) AP  i) VP
   \[
   \begin{array}{c}
   A' \\
   A \\
   very \\
   competent
   \end{array}
   \begin{array}{c}
   A' \\
   A \\
   quite \\
   cheap
   \end{array}
   \begin{array}{c}
   V' \\
   V \\
   never \\
   surrender
   \end{array}
   \]

j) NP
   \[
   \begin{array}{c}
   N' \\
   N \\
   those \\
   books
   \end{array}
   \]

SECTION 1.2

4. The internal structure of complements is shown here, although the instructions for this question indicate that students need not depict it.

a) PP  b) VP
   \[
   \begin{array}{c}
   P' \\
   P \\
   into \\
   the \\
   house
   \end{array}
   \begin{array}{c}
   V' \\
   V \\
   fixed \\
   the \\
   telephone
   \end{array}
   \]
c) AP
   \[
   \begin{array}{c}
   \text{full of mistakes}
   \end{array}
   \]

d) PP
   \[
   \begin{array}{c}
   \text{more toward the window}
   \end{array}
   \]

e) NP
   \[
   \begin{array}{c}
   \text{a film about pollution}
   \end{array}
   \]

f) VP
   \[
   \begin{array}{c}
   \text{always study this material}
   \end{array}
   \]

g) VP
   \[
   \begin{array}{c}
   \text{perhaps earn the money}
   \end{array}
   \]

h) NP
   \[
   \begin{array}{c}
   \text{that argument with Owen}
   \end{array}
   \]

i) NP
   \[
   \begin{array}{c}
   \text{the success of the program}
   \end{array}
   \]

Section 1.3

5. a)
9. a) The reporter said that an accident injured a woman.
The fishermen think that the company polluted the bay
Bill reported that a student asked whether the eclipse would occur.
SECTION 3.4

11. a) **Deep Structure**

```
CP
  /
C'
  /
C
  +Q
|
IP
  /
|
|
NP
  /
  |
  |
N'
  |
  |
I
  |
|
-pst
  |
V
  |
|
NP
  |
  |
N'
  |
  |
Det
|
|
The
|
|
director
|
|
should
|
|
call
|
|
who
```

**Surface Structure**

```
CP
  /
NP
  /
  |
  |
C'
  |
  |
C
  +Q
|
|
IP
  |
|
NP
  |
  |
  |
I'
  |
|
-pst
  |
V
  |
|
NP
  |
  |
  |
Det
  |
|
N
  |
|-
-Pst
|
|
V
  |
|
 NP
```

```
Who
|
|
should
|
|
the
director
|
|
t
| call
|
| t
```
b) Deep structure

```
CP
  |  C'
  C  IP
+Q    I'
   NP  VP
    I' V' NP
     N' N
      I -Pst V Det N
       N
Who should call the director
```

Surface structure

```
CP
  |  C'
  C  IP
+Q    I'
   NP  VP
    I' V' NP
     N' N
      I -Pst V Det N
       N
Who should call the director
```
d) Deep structure

```
CP
  |
  C'
  |  IP
  |  |
  |  NP
  |  +Q
  |  |
  |  I'  VP
  |  |
  |  NP
  |  |
  |  N'  V
  |  |
  |  I  P
  |  |
  |  Det N -Pst V P NP
  |  |
  |  N'
  |  |
  |  N

The visitors will stay with who
```

Surface structure

```
CP
  |
  NP
  |
  C'
  |  IP
  |  |
  |  NP
  |  +Q
  |  |
  |  I'  VP
  |  |
  |  NP
  |  |
  |  N'  V
  |  |
  |  I  P
  |  |
  |  Det N -Pst V P NP
  |  |
  |  N'
  |  |
  |  N

Who will the visitors stay with
```
e)  **Deep Structure**

```
CP
   | C' 
   |  
C   | IP 
+Q   | I' 
NP | 
      | VP 
      | V' 
      | NP 
      | PP 
      | P' 
      | NP 
      | N' 
      | Det 
      | N 

Terry might bake what for the party
```

**Surface Structure**

```
CP
   | NP 
   | C' 
   |  
C   | IP 
+Q   | I' 
NP | 
      | VP 
      | V' 
      | NP 
      | PP 
      | P' 
      | NP 
      | N' 
      | Det 
      | N 

What might Terry bake for the party
```
Deep structure

CP
   C'
   C
 +Q NP I' VP NP PP
   I' N' I N' N P NP
   -Pst V N P
   Ann could bring what to the gathering

Surface structure

CP
   NP C'
   C
 +Q NP I' VP NP PP
   I' N' I N' N P NP
   -Pst V N P
   What could Ann t bring t to the gathering