**Lehninger 5e**

**P703 3 4**

**P704 8 9**

or

**Lehninger 6e**

**P726 3**

**P727 4 8 9**

or

**Lehninger 7e**

**P706 3 4 8 9**

**Extra question:**

1. Why does a mammal go to the energetic expense of making urea from ammonia rather than simply excreting ammonia, as do bacteria?
2. Suppose you are stranded on a desert island and have nothing but protein to eat. Outline briefly how your body will use this source of food for its energy needs.