Case #14
John is a 26-year-old man who begins to notice a progressive enlargement of feet, hands, cranium, nose, and lower jaw bone. His doctor recommends irradiation of the pituitary gland. What is the most likely diagnosis? Why?

Case #15
Mr. Sanchez makes an appointment to see his doctor for pain in his abdominal area. Tests and X rays reveal kidney stones as well as bones with a moth-eaten appearance. Further questioning reveals a medical history of abnormal reflexes and weakness. What is the problem and what treatment would be recommended?

Case #16
It was often rumored that one of our deceased presidents was suffering from Addison's disease. What symptoms may have led to the diagnosis of this condition?

Case #17
The parents of a 17-year-old boy are concerned about his height because he is only 5 feet tall and they are both close to 6 feet tall. After tests by their doctor, certain hormones are prescribed for the boy. What is the probable diagnosis, and what hormones were prescribed? Why might the child still expect to reach his growth potential?
Case # 18

Explain how antidiuretic hormone can help regulate an abnormal increase in solute concentration in the extracellular fluid.