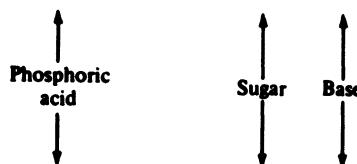
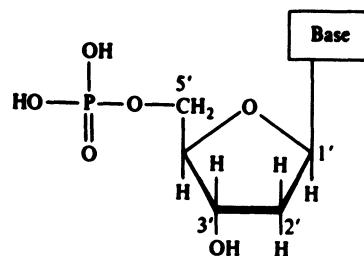
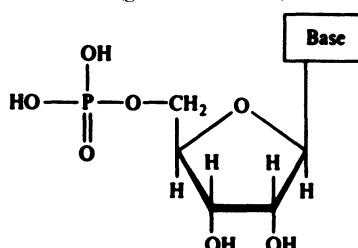


Deoxyribonucleotides
(general structure)



Ribonucleotides
(general structure)



(a)

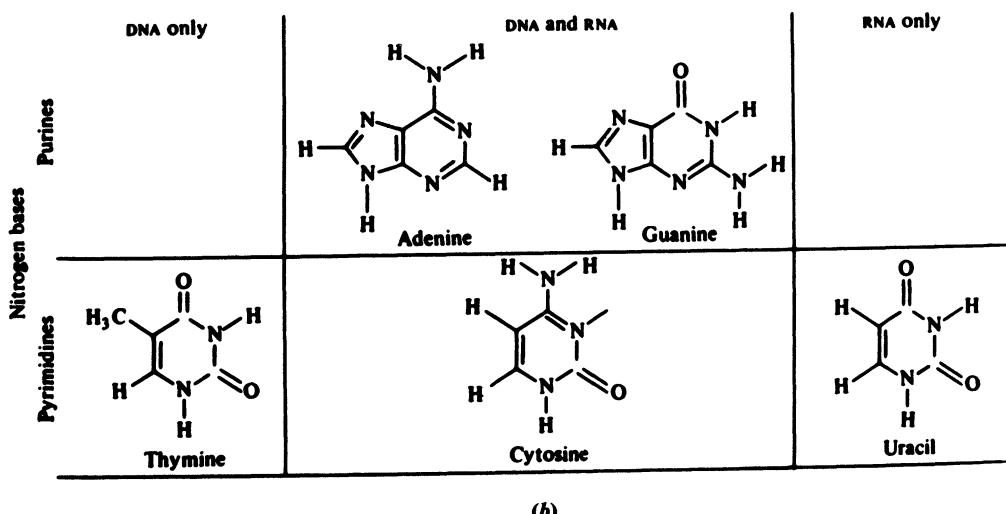


Figure 2.15. (a) General structure of ribonucleotides and deoxyribonucleotides. (b) Five nitrogenous bases found in DNA and RNA. (With permission, from J. E. Bailey and D. F. Ollis, *Biochemical Engineering Fundamentals*, 2d ed., McGraw-Hill Book Co., New York, 1986, p. 43.)