# Contents

#### UNIT

### **General Pathology**

- I The Cell as a Unit of Health and Disease 3
- **2** Cellular Pathology 7
- 3 Inflammation and Repair 18
- 4 Hemodynamic Disorders 31
  - **5** Genetic Disorders 44
- 6 Immune System Diseases 57
- **7** Neoplastic Disorders 76
- 8 Infectious Diseases 94
- 9 Environmental and Nutritional Diseases 114
- 10 Diseases of Infancy and Childhood 130

### UNIT II

## **Diseases of Organ Systems**

- II Blood Vessels 147
- 12 The Heart 163
- 13 Hematopathology of White Blood Cells 183
- 14 Hematopathology of Red Blood Cells and Bleeding Disorders 205

- **15** The Lung 226
  - 16 Head and Neck 253
- **17** Gastrointestinal Tract 263
  - 18 Liver and Biliary Tract 286
- 19 Pancreas 306
- **20** Kidney 312
- 21 The Lower Urinary Tract and Male Genital System 332
- 22 Female Genital Tract 344
- 23 The Breast 361
- 24 The Endocrine System 371
- **25** The Skin 392
- **26** Bones, Joints, and Soft Tissue Tumors 405
- 27 Peripheral Nerve and Skeletal Muscle 424

asks of Organ Systems

- 28 Central Nervous System 432
- **29** The Eye 456
- 30 Final Review and Assessment 464