Contents

Section I

Oral Anatomy **1–76**

- *Introduction to Oral Anatomy 3*
- *Deciduous Teeth 9*
- *Permanent Maxillary and Mandibular Incisors 15*
- *Permanent Maxillary and Mandibular Canines 21*
- *Permanent Maxillary and Mandibular Premolars 26*
- *Permanent Maxillary Molars 37*
- *Permanent Mandibular Molars 47*
- *TMJ, Muscles of Mastication and Movements of Mandible 54*
- *Occlusion 62*
- *Maxilla and Mandible 70*

Section II

Oral Histology **77–162**

- *Development of Orofacial Complex and Development of Teeth 79*
- *Enamel 91*
- *Dentin-Pulp Complex 99*
- *Cementum 109*
- *Periodontal Ligaments 115*
- *Alveolar Bone 123*
- *Oral Mucous Membrane 129*
- *Salivary Glands 136*
- *Physiology of Eruption and Shedding of Teeth 142*
- *Maxillary and Paranasal Sinuses 150*
- *Histochemistry of Oral Tissues 154*
- *Processing of Soft and Hard Tissues 158*

Section III

Oral Physiology **163–188**

- *Mastication 165*
- *Deglutition 170*

- *Mineralization in Hard Tissues 174*
- *Calcium and Phosphorous Metabolism 178*
- *Physiology of Taste and Speech 182*
- *Physiology of Pain 186*