Contents

Preface to the Second Editon

vii

Topics	Page No.	Signature
General Anatomy	1	
Language of Anatomy 3		
Skeleton 9		
Joints 11		
Muscles 14		
Blood Vessels 17		
Lymphatic System 20		
Nervous System 21		
Skin and Fasciae 25		
Head and Neck	31	
Introduction and Osteology 33		
Scalp and Face 45		
Side of Neck 51 Anterior Triangle of Neck 54		
Parotid Region 56		
Temporal and Infratemporal Regions 58		
Submandibular Region 62		
Structures in the Neck 64		
Prevertebral and Paravertebral Regions 68		
Back of Neck 71		
Contents of Vertebral Canal 72 Crania Vavity 73		
Contents of the Orbit 75		
Mouth and Pharynx 77		
Nose and Paranasal Sinuses 80		
Larynx 83		
Tongue 84		
Ear 86		
Eyeball 88		
Brain	95	
Meninges of the Brain and Cerebrospinal Fluid 97		
Spinal Cord 99		
Cranial Nerves 102		
Brainstem 111		
Cerebellum 112		
Cerebrum 114		
Third and Lateral Ventricles of Brain 118		
Blood Supply of Spinal Cord and Brain 119		

Other Pegions of the Pody	127
Other Regions of the Body	127
Upper Limb 129	
Lower Limb 135	
Gluteal Region 136	
Thorax 138	
Pericardium and Heart 140	
Abdomen and Pelvis 143	
Embryology	155
General Embryology 157	
• Mitosis 157	
• Meiosis 157	
• Gametogenesis 158	
• Development of Ovum 159	
• Gastrulation 160	
Development of Placenta (Chorionic Villi) 161	
• Placenta at Full Term 162	
• Derivatives of Neural Crest Cells 162	
• Structures Derived from Ectoderm, Mesoderm and Endoderm 163	
Embryology of Head and Neck 164	
Skeletal Derivatives of the Pharyngeal Arches 166	
• Derivatives of Pharyngeal Pouches 167	
• Development of Tongue 167	
Development and Migration of Thyroid Primordium 168	
• Development of Arches of Arteries and Nerves 169	
• Development of Face in Embryo 170	
• Development of Palate 172	
• Development of Nasal Cavity 173	
Development of Soft Palate and its Congenital Anomalies 174	
Stages of Development of Tooth 175 Development of University Conduction Closely 177	
Development of Hypophysis Cerebri (Pituitary Gland) 176 Development of Internal For 176	
• Development of Internal Ear 176	
• Development of Eye 177	
Embryology through Ultrasound 178	
Histology	185
Microscope 187	
Epithelium 189	
Connective Tissue 197	
Skeletal Tissue: Cartilage and Bone 203	
Muscular Tissue 207	
Nervous Tissue 210	
Blood Vessels 215	
Lymphatic Organs 218	
The Glands 221	
Integumentary System 224	
Tubes in Head and Neck 226	
Endocrine Glands 228	
Organs of Special Senses 231	