Contents

Pret	mbers of Editorial Board face to the Second Edition face to the First Edition	V Vii ix		
	Section 1: General Anatomy			
	Introduction to Anatomy and Anatomical Terms General Anatomy	3 17		
	Section 2: General Histology			
4. 5. 6. 7. 8. 9. 10. 11.	Basic Structure and Function of Cells Introduction to Histology and Microscopy Epithelial Tissue Connective Tissue Skin Cartilage Bone Muscle Tissue Blood Vessels Lymphatic System Nervous Tissue	51 74 82 94 108 117 122 134 146 156 169		
	Section 3: General Embryology			
15. 16. 17. 18.	Prefertilization Events Fertilization and First Two Weeks Development Development During Third Week Embryonic Period Placenta Foetal Period Birth Defects and Prenatal Diagnosis	185 196 205 216 222 229 237		
	Section 4: Genetics			
21.	Genetics	247		
	Section 5: Upper Limb			
23. 24.	Osteology of the Upper Limb Pectoral Region and Mammary Gland Axilla Shoulder Region and Shoulder Joint	267 280 288 301		

xiv	Manipal Manual of Clinical Anatomy		
27. 28.	Dermatomes, Superficial Veins and Lymphatics of the Upper Limb Arm and Cubital Fossa Forearm, Elbow, Radioulnar and Wrist Joints Hand and Nerves of the Upper Limb	317 322 334 354	
Section 6: Lower Limb			
31. 32. 33. 34. 35.	Osteology of the Lower Limb Thigh: Anterior, Medial and Posterior Compartments Gluteal Region and Hip Joint Popliteal Fossa and Knee Joint Leg: Anterior and Lateral Compartments and Dorsum of the Foot Leg: Posterior Compartment and Ankle Joint Sole, Joints of the Foot and Arches of the Foot	385 401 424 438 452 466 477	
Section 7: Back			
37.	Vertebral Column and Muscles of the Back	495	

514

525

38. Development of the Musculoskeletal System

Index