Contents

Section 1 Upper Limb

1. Introduction to Upper Limb 3
2. Bones of Upper Limb 10
3. Brachial Plexus and Major Nerves of Upper Limb 55
4. Arteries of Upper Limb 88
5. Venous Drainage of Upper Limb 109
6. Lymphatic Drainage of Upper Limb 115
7. Pectoral Region and Mammary Gland 123
8. Axilla 143
9. Back and Scapular Region 149
10. Arm 173
11. Forearm 194
12. Hand 217
13. Joints of Upper Limb 246
14. Multiple Choice Questions: Upper Limb 288

Section 2 Thorax

15. Introduction to the Thorax 297
16. Vertebral Column 307
17. Bones of Thorax 327
18. Joints of the Thorax 346
19. Walls of the Thorax 356
20. Mediastinum 383
21. Trachea, Bronchi and Esophagus 394
22. Pleura 408
23. Lungs 420
24. Heart and Pericardium 438
25. Blood Vessels of Thorax 472
26. Lymphatics of the Thorax 493
27. Nerves of the Thorax 504
28. Multiple Choice Questions: Thorax 519

Index *523*

Contents

Section 1 Lower Limb

1. Introduction to Lower Limb 3
2. Bones of Lower Limb 10
3. Nerves of Lower Limb 62
4. Arteries of Lower Limb 89
5. Venous Drainage of Lower Limb 112
6. Lymphatic Drainage of Lower Limb 122
7. Front and Medial Side of Thigh 128
8. Gluteal Region, Back of Thigh and Popliteal Fossa 158
9. Anterior and Lateral Compartments of Leg and Dorsum of Foot 181
10. Posterior Compartment of Leg and Sole of Foot 198
11. Joints of Lower Limb 226
12. Multiple Choice Questions: Lower Limb 259

Section 2 Abdomen and Pelvis

13. Introduction to the Abdomen 267
14. Bones and Joints of Abdomen 278
15. Anterior Abdominal Wall 289
16. External Genitalia and Perineum 314
17. Peritoneum 338
18. Esophagus, Stomach, Small Intestine, Pancreas and Spleen 358
19. Large Intestine and Liver 391
20. Kidney, Ureter and Suprarenal Glands 429
21. Posterior Abdominal Wall and Some Related Structures 450
22. Walls of Pelvis and Related Structures 491
23. Pelvic Viscera 508
24. Multiple Choice Questions: Abdomen and Pelvis 547

Index *551*

Contents

Section 1 Head and Neck

1. Introduction to the Head and Neck 3
2. Bones and Joints of Head and Neck 14
3. Scalp, Face and Lacrimal Apparatus 63
4. Parotid Region 88
5. Temporal Region, Infratemporal Region and Temporomandibular Joint 98
6. Submandibular Region 119
7. Oral Cavity—Teeth, Tongue, Tonsil and Palate 129
8. Cranial Cavity and Vertebral Canal Including Meninges 158
9. Fascia, Muscles and Triangles of the Neck 176
10. Nasal Cavity, Paranasal Sinuses and Viscera of Neck 210
11. Orbit and Eye 249
12. Ear and the Organs of Hearing and Balance 273
13. Endocrine Glands of the Head and Neck, Carotid Sinus and Carotid Body 298
14. Blood Vessels of Head and Neck 313
15. Nerves of the Head and Neck 364
16. Multiple Choice Questions: Head and Neck 429

Section 2 Neuroanatomy

17. Introduction to Central Nervous System 437
18. Spinal Cord—Gross Anatomy and Internal Structure 451
19. Gross Anatomy of the Brainstem 463
20. Tracts of the Spinal Cord and Brainstem 480
21. Cranial Nerves—Nuclei and Functional Aspects 498
22. Cerebellum—Gross Anatomy and Internal Structure 511
23. Cerebrum, Thalamus and Hypothalamus—Gross Anatomy and Internal Structure 524
24. Ventricles of the Brain 557
25. Special Senses and their Pathways 567
26. Blood Supply of the Central Nervous System 577
27. Multiple Choice Questions: Neuroanatomy 592

Index *597*