Contents

MEDICINE

1. General Examination 3

Vital Signs 6

2. Cardiovascular System 10

Mitral Stenosis 12
Mitral Regurgitation 15
Aortic Regurgitation 16
Aortic Stenosis 17
Pulmonary Arterial Hypertension 19
Congestive Cardiac Failure 19
Atrial Fibrillation 19
Rheumatic Fever 20
Infective Endocarditis 21
Murmur 24

3. Respiratory System 27

Discussion 29
Chronic Obstructive Pulmonary Disease 31
Pneumonia 32
Pleural Effusion 34
Pneumothorax 36
Tuberculosis 37
Bronchogenic Carcinoma 39
Respiratory System Examination 40

4. Gastrointestinal System 45

Discussion 49
Hepatosplenomegaly 55

5. Central Nervous System 60

CNS Case Example 63
Nervous System Discussion 68
Higher Functions (COMISH) 79
Cranial Nerves 83
Facial Nerve 89
Motor System 94
Sensory System 97
Young Stroke (<40 Years) 101
Examination of Unconscious Patient 101
Paraplegia 102
Charts 107

6. Viva 107

CSF Study 107
Urine Routine 108
Drugs 108
Instruments 112
X-rays 112

SURGERY

7. Long Cases 117

Thyroid Gland 117
Neoplasms of Thyroid 124
Thyroiditis 125
A Case of Swelling in Breast 128
Differential Diagnosis of Abdominal Lump 138
Carcinoma Stomach 139
Gastric Outlet Obstruction 140
Carcinoma Stomach—Case Discussion 141
Colorectal Carcinoma 147
Right Iliac Fossa Mass 148
Retroperitoneal Tumor 150
Obstructive Jaundice 150
Varicose Vein 156
A Case of Peripheral Vascular Disease 163
Ulcer 167
Skin Grafts 170

8. Short Cases 171

Inguinal Hernia 171
Discussion 172
Femoral Hernia 177
Paraumbilical Hernia (Supraumbilical/Infraumbilical Hernia) 178
Umbilical Hernia 179
Congenital Umbilical Hernia 179
Incisional Hernia (Postoperative Hernia) 180
Spigelian Hernia 181
Parotid Swelling 181
Submandibular Salivary Gland Swelling 184
Midline Swellings 185
Lipoma 187
Sebaceous Cyst 188
Dermoid Cyst 189
Neurofibroma 189
Scrotal Swelling (Hydrocele) 190
Varicocele 191
Epididymal Cyst 192
Fournier's Gangrene 192
Torsion of Testes 193
Testicular Tumors 193
Skin Tumors (Squamous Cell Carcinoma) 195
Basal Cell Carcinoma (Rodent Ulcer) 196
Malignant Melanoma 196
Carcinoma Tongue 198
Carcinoma Penis 199
Soft Tissue Sarcoma 200

9. Viva..... 202
Operative Procedures—Surgery 202
Drugs and Surgery Instruments 205
Specimens 207
X-rays 208
Some Favorite Questions 211

ORTHOPEDICS

10. Short Cases 217
Examination of Elbow Joint 217
Examination of Knee Joint 219
Osteomyelitis 220
Nonunion and Delayed Union 221
Malunion 222
Supracondylar Fracture 223
Colles' Fracture 224
Bone Swelling 225
Genu Valgum/Varum 226
Congenital Talipes Equinovarus 228
Nerve Injury 232
Median Nerve (C5-T1) 233
Ulnar Nerve 234
Radial Nerve 235
Examination of Peripheral Nerves 236
Carpal Tunnel Syndrome 237
Claw Hand 238
Wrist Drop 239
Foot Drop 239
Management of Nerve Injury 240
Injury to Ligaments around Knee 241
Recurrent Dislocation of Patella 242
Ganglion 242
Morrant Baker's Cyst 242
Dupuytren's Contracture 242
Trigger Finger 243
De Quervain's Tenovaginitis 243
Orthopedics X-ray and Instruments 244

PEDIATRICS

11. Practical Examination 255
Pediatrics—Case Format 255
Nutrition 262
Vitamins 266
Water-Soluble Vitamins (Vitamin B and C) 267
Some Important Minerals 269
Growth and Development 270
Disorders of Growth 273
Immunization 274

12. Congenital Heart Diseases..... 279
Ventricular Septal Defect 282
Patent Ductus Arteriosus 283
Tetralogy of Fallot 283
Congestive Cardiac Failure 284
Rheumatic Fever 285

13. Respiratory System 290
Approach to a Case of Respiratory System (Pneumonia) 290
Bronchiolitis 292
Pneumonia 292
Bronchial Asthma 297

14. Gastrointestinal System 301
Jaundice—Case Taking 302
Acute Diarrheal Disease 307
Approach to Hepatosplenomegaly 311
Neonatal Jaundice 312

15. Nervous System 316
Cerebral Palsy 316
Febrile Seizures 322
Acute Flaccid Paralysis 324
Hydrocephalus 325

16. Hematology 327
Approach to Bleeding Disorders 327
Idiopathic Thrombocytopenic Purpura 331
Hemophilia 333
Hemorrhagic Disease of Newborn 333
Leukemias 334
Transfusion Dependent Anemias 335
Approach to Hemolytic Anemia 336
Thalassemia 342
Hereditary Spherocytosis 343
Sickle Cell Anemia 344
Fe Deficiency Anemia 345
Megaloblastic Anemia 346

17. Renal, Arthritis and Pediatric Surgery 347
Renal System 347
Acute Glomerulonephritis 349
Nephrotic Syndrome 351
Approach to Arthritis 354
Down Syndrome 358
Pyrexia of Unknown Origin 359
Pediatric Surgery 360

18. Viva..... 367
Case Charts 367
Advice and History Taking 372
Drugs—Pediatrics 375
Instruments 376
X-rays 379

OBSTETRICS

19. Clinical Cases 385
Obstetrics—Case Format 385
Normal Labor 388
Management of Normal Labor 389
Diabetes in Pregnancy 391
Pregnancy-induced Hypertension (Gestational Hypertension) 394
Multiple Pregnancy 399
Breech 401

Previous Cesarean Section 403
Intrauterine Growth Restriction 405
Anemia in Pregnancy 407
Cardiac Disease in Pregnancy 410
Mobile Head at Term 412
Cephalopelvic Disproportion 413
Bad Obstetric History 414
Rh Iso (Allo) Immunization in Pregnancy 415
Fetal Surveillance 418
Labor Induction 418
Instrumental Delivery 419
Prenatal Screening 419

GYNECOLOGY

20. Clinical Cases 425
Operative Procedures 420
Gynecology—Case Format 425
Fibroid 426
Ovarian Tumor 430
Dysfunctional Uterine Bleeding 434
Postmenopausal Bleeding 436
Prolapse 442
Gestational Trophoblastic Disease (GTD) 449
Operative Procedures 451
21. Viva..... 453
Instruments 453
Drugs 454
Partogram 456
Specimens 457
Fetal Skull 458
Bony Pelvis 458
Index.....*461*