Contents

1. General Examination **1**

Face in different diseases *2*
Hands in different diseases *8*
Clubbing *11*
Koilonychia *13*
Nail changes in different diseases *15*
Cyanosis *18*
Fever *20*
Neuroleptic malignant syndrome *24*
Pyrexia of unknown origin *25*
Generalized lymphadenopathy *28*
Oedema *31*
Pigmentation *33*
Hirsutism *35*
Gynaecomastia *37*
Pyoderma gangrenosum *40*

2. Cardiovascular System **43**

Common symptoms of CVS *45*
Myxoma of heart *49*
Mitral regurgitation *50*
Mitral valve prolapse *52*
Tricuspid regurgitation *53*
Pulmonary stenosis *55*
Pulmonary regurgitation *56*
Aortic stenosis *57*
Aortic regurgitation *59*
Heart failure *61*
Hypertension *66*
Rheumatic fever *72*
Congenital heart diseases *75*
Atrial septal defect *77*
Patent ductus arteriosus *78*
Eisenmenger's syndrome *80*
Tetralogy of fallot *81*
Coarctation of aorta *83*
Ischaemic heart disease *85*

Acute pericarditis *92*
Pericardial effusion *94*
Chronic constrictive pericarditis *96*
Myocarditis *98*
Endocarditis *99*
Cardiomyopathy *103*
Arrhythmia *108*
Sick sinus syndrome *111*
Supraventricular tachycardia *112*
WPW syndrome *114*
Nodal rhythm or junctional rhythm *116*
Atrial fibrillation *117*
Atrial flutter *119*
Ectopics *120*
Ventricular tachycardia *122*
Ventricular fibrillation *123*
Heart block *124*
Complete heart block *127*
Right bundle branch block *129*
Takayasu's disease *131*
Pacemaker *132*
Pulmonary hypertension *134*
Cardiac arrest *136*
Marfan's syndrome *137*

3. Respiratory Diseases **139**
Lung function test (spirometry) *140*
Bronchial asthma *142*
Acute severe asthma *145*
Bronchiectasis *149*
Bronchial carcinoma *151*
Pneumonia *154*
Chronic bronchitis *159*
Acute respiratory distress syndrome *161*
Emphysema *162*
Pleural effusion *164*
Lung abscess *168*
Mediastinal mass *170*
Pneumothorax *173*
Sarcoidosis *175*
Chronic obstructive pulmonary disease *177*
Diffuse parenchymal lung disease *180*
Hypersensitivity pneumonitis/extrinsic allergic alveolitis *182*

Respiratory failure *183*
Tuberculosis *185*
Pulmonary thromboembolism *190*
Pneumoconiosis (occupational lung disease) *193*
Sleep apnoea *195*

4. Gastrointestinal System **197**
Causes of mouth ulcer *198*
Tongue *200*
Diseases of oesophagus *202*
Gastroesophageal reflux disease *204*
Barrett's oesophgus *205*
Hiatus hernia *206*
Achalasia cardia *207*
Carcinoma of oesophagus *208*
Disease of the stomach and duodenum *210*
Peptic ulcer disease *212*
Carcinoma of stomach *220*
Disease of the pancreas *223*
Chronic pancreatitis *225*
Carcinoma of pancreas *227*
Acute appendicitis *229*
Intestinal obstruction *230*
Inflammatory bowel disease *232*
Carcinoma of colon (colorectal cancer) *238*
Ileocaecal tuberculosis *240*
Tuberculous peritonitis *242*
Irritable bowel syndrome *243*
Vomiting *245*
Malabsorption syndrome *249*
Coeliac disease *252*
Tropical sprue *253*
Diverticular diseases *254*

5. Haematology **257**
Anaemia *258*
Iron deficiency anaemia *263*
Megaloblastic anaemia *264*
Haemolytic anaemia *266*
Autoimmune haemolytic anaemia *270*
Sickle-cell anaemia *272*
Paroxysmal nocturnal haemoglobinuria *274*
Aplastic anaemia *275*

Polycythaemia *277*
Myelofibrosis *278*
Polycythaemia rubra vera *279*
Myelodysplastic syndrome *281*
Leukaemia *282*
Chronic myeloid leukaemia *284*
Chronic lymphatic leukaemia *286*
Leukaemoid reaction *288*
Purpura *289*
Henoch-schonlein purpura *292*
Haemophilia *293*
Lymphoma *295*
Multiple myeloma *298*
Stem cell transplantation (bone marrow transplantation) *302*
Haemolytic uraemic syndrome *304*
Thrombotic thrombocytopenic purpura *306*

6. Hepatology **309**
Alcoholic liver disease *314*
Non-alcoholic fatty liver disease *315*
Acute viral hepatitis *316*
Obstructive jaundice *318*
Liver abscess *320*
Primary biliary cirrhosis *323*
Ascites *325*
Cirrhosis of liver *328*
Portosystemic encephalopathy or hepatic precoma *331*
Oesophageal varices *334*
Haemochromatosis *337*
Hepatoma *339*
Primary sclerosing cholangitis *341*
Acute cholecystitis *342*
Liver transplantation *344*

7. Endocrinology **345**
Endocrine glands *346*
Hypothyroidism *347*
Thyrotoxicosis *352*
Graves' disease *355*
Goitre *356*
Thyroid carcinoma *360*
Parathyroid gland *362*
Adrenal glands *366*
Addison's disease *369*

Phaeochromocytoma *372*
Primary hyperaldosteronism (Conn's syndrome) *373*
Pituitary gland *374*
Acromegaly *377*
Diabetes insipidus *380*
Diabetes mellitus *382*
Hypoglycaemia *393*
Obesity *395*
Short stature *397*
Turner's syndrome *402*
Polycystic ovarian syndrome *404*
Male hypogonadism *406*

8. Infectious Disease and Tropical Medicine 407
Mumps *408*
Measles *409*
Rubella (German measles) *410*
Dengue fever *411*
Herpes simplex virus (HSV) *413*
Herpes simplex encephalitis *414*
Rabies *415*
Enteric fever (typhoid and paratyphoid) *417*
Typhus fever *419*
Bacillary dysentery (shigellosis) *422*
Cholera *425*
Diphtheria *426*
Whooping cough *428*
Tetanus *429*
Chickenpox *431*
Brucellosis *432*
Malaria *434*
Kala-azar (leishmaniasis) *437*
Filariasis *441*
Taeniasis *445*
Anthrax *448*
Leprosy (Hansen's disease) *449*
Leptospirosis (Weil's disease) *452*
Poliomyelitis *454*
Sepsis *455*
Hydatid disease (cyst) *457*
Infectious mononucleosis *459*
Toxoplasmosis *461*
Food poisoning *462*

9. Nephrology **463**
Investigations in renal diseases *464*
Nephrotic syndrome *471*
Glomerulonephritis *474*
Acute glomerulonephritis (acute nephritic syndrome) *477*
Polycystic kidney disease *480*
Acute renal failure *482*
Chronic kidney disease/chronic renal failure *484*
Acute interstitial nephritis *491*
Urinary tract infection *493*
Acute pyelonephritis *496*
Renal artery stenosis *498*
Nephrocalcinosis *500*
Renal calculus *501*
Renal cell carcinoma *503*
Tumours of urinary bladder *505*
Benign enlargement of prostate *506*
Prostatic carcinoma *507*
Renal tubular acidosis *508*

10. Rheumatology **511**
Ankylosing spondylitis *514*
Rheumatoid arthritis *516*
Sjögren syndrome *519*
Systemic sclerosis (scleroderma) *521*
Gouty arthritis *525*
Osteoarthritis *527*
Osteoporosis *528*
Psoriatic arthritis *530*
Systemic lupus erythematosus *532*
Polymyositis and dermatomyositis *535*
Eaton–Lambert syndrome *537*
Reiter's syndrome *540*
Acute osteomyelitis *542*
Haemophilic arthritis *543*
Juvenile idiopathic arthritis (JIA) *544*
Antiphospholipid syndrome *545*

11. Dermatology **547**
Itching or pruritus *549*
Scabies *550*
Psoriasis *552*
Exfoliative dermatitis or erythroderma *555*

Bullous diseases of skin *557*
Erythema nodosum *561*
Acne vulgaris *562*
Lupus vulgaris *564*
Leg ulcer *565*
Lichen planus *567*
Arsenicosis *568*
Tinea versicolor (pityriasis versicolor) *570*
Dermatophyte infection (ring worm) *571*
Tinea unguium (onychomycosis) *573*
Melasma (chloasma) *574*
Eczema *575*
Contact dermatitis *579*
Pityriasis rubra pilaris *581*
Darier's disease or keratosis follicularis *582*
Alopecia *585*
Vitiligo *587*

12. Sexually Transmitted Diseases **589**
Gonorrhoea *590*
Lymphogranuloma venereum *592*
Chancroid *593*
Syphilis *594*

13. Nervous System **599**
Upper motor neuron *601*
Extrapyramidal system *602*
Acute bacterial meningitis *605*
Encephalitis *609*
Brain abscess *611*
Headache *612*
Bell's palsy *615*
Third nerve palsy *618*
Horner syndrome *620*
Papilloedema *621*
Multiple cranial nerve palsy *623*
Multiple sclerosis *626*
Syringomyelia *629*
Polyneuropathy *631*
Subacute combined degeneration *638*
Parkinsonism *640*
Involuntary movements *644*
Motor neuron disease *648*

Stroke (CVD or CVA) *651*
Myasthenia gravis *656*
Transverse myelitis *659*
Cerebellar lesion *661*
Friedreich's ataxia *662*
Raised intracranial pressure *664*
Intracranial space occupying lesion (ICSOL) *665*
Brain tumours *667*
Wilson's disease *668*
Paraplegia *670*
Guillain–Barré syndrome *674*
Chronic inflammatory demyelinating polyneuropathy (CIDP) *676*
Epilepsy *677*
Disease of the muscles and myopathy *680*
Alzheimer's disease *685*
Paraneoplastic syndrome *687*
Neurofibroma *688*
Hydrocephalus *690*
Diziness and vertigo *692*
Ménière's disease *695*
Lateral medullary syndrome (Wallenberg syndrome) *696*
Nystagmus *698*

14. Poisoning **701**
Common causes of poisoning *702*
Paracetamol poisoning *703*
Tricyclic antidepressant *705*
Methanol (rectified spirit) *706*
Ethanol or ethyl alcohol *707*
Organophosphorous compounds *709*
Datura poisoning *712*
Corrosive poisoning *713*
Kerosene poisoning *714*
Snake bite *715*

15. Psychiatric Diseases **717**
Classification of psychiatric disorders *718*
Delusion *720*
Anxiety disorders (anxiety neurosis) *723*
Depression *725*
Schizophrenia *727*
Eating disorders *729*
Somatoform disorders *732*

Dementia *735*
Substance abuse *738*

16. Vitamins **739**
Fat-soluble vitamins *740*
Protein-energy malnutrition *750*

17. Electrolyte and Acid-Base Imbalance **753**
Hypernatraemia *754*
Hyperkalaemia *756*
Hypomagnesaemia *759*
Metabolic acidosis *760*
Respiratory acidosis *762*

18. Paediatrics **763**
Cerebral palsy *764*
Febrile convulsion or febrile seizure *766*
Neonatal pneumonia *768*
Bronchiolitis *770*
Meningitis *772*
Diarrhoea *776*
Neonatal jaundice *779*
Low birth weight *782*

19. Genetics **787**
Autosomal dominant diseases *788*
Down's syndrome *790*
Turner's syndrome *792*
Klinefelter's syndrome *793*

20. Miscellaneous **795**
Shock *796*
Proximal myopathy *802*
Wegener's granulomatosis *804*
Takayasu's disease *805*
Polyarteritis nodosa *808*
Microscopic polyangiitis *809*
Behcet's syndrome *811*
Goodpasture's syndrome *812*
Restless leg syndrome *813*
Hereditary haemorrhagic telangiectasia *815*
Drowning *816*
Heat-related illness *818*
Alcoholism *820*
Wernicke's encephalopathy *822*

Adult still's disease *823*
Rhabdomyolysis *824*
Toxic shock syndrome *825*
Hereditary angioedema *827*
Familial periodic paralysis *828*
Carcinoid syndrome *830*
Pseudomembranous colitis *831*
Kallmann's syndrome *832*
Tumour lysis syndrome *833*
Kikuchi's disease *834*
Cavernous sinus thrombosis *835*
Fluid retention syndrome (idiopathic oedema) *836*
Hiccough *837*
Cystic fibrosis *839*
Oxygen therapy *842*
Paget's disease *843*
HIV infection (AIDS) *846*

Bibliography *857*

Index *859*