

A Complete Collection Of All The Important Topics
Which Should Be Prepared Well To Get Good Score
In The Exam...

KOD's Guide on Final Professional Exam (MBBS)



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Assalam-O-Alaikum!

First of all, I am thankful to ALLAH Almighty, WHO blessed me with such courage that I completed this task. Preparation for Final Professional Exam of MBBS is quite different than the preparation of the previous four Professional exams. Here, you have to admit the fact that "One can not master in all the clinical subjects in a single year". If you try to study any subject completely without leaving anything, then perhaps one year will not be enough to completely understand and memorize even a single subject.

So, in Final year you have to be 'Selective' in preparation to save your time and focus on Important topics more than the Non-Important ones. Here, we have prepared a list of topics which have been asked in the previous Exams again and again. All our seniors and colleagues agree that more than 90% of our papers are made from these topics. Mark all these topics on your books. So, when studying one should give maximum time to these topics and understand these topics completely because more than 90% of the exam (SEQs+MCQs) will be from these topics (In Sha ALLAH).

This Guide is solely a production of the KOD's team and it has not any link with any University. The purpose of making this list is to aid the students in preparing for Exam. Author is not responsible, if something comes out of this list as it's a routine to ask some puzzling questions in the exam.

GoodLuck for your exams!

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MEDICINE

Books Recommended

Davidson, Bedside Techniques, Book of D/D (Any)

Instructions:

- 1) Focus on Major Clinical Features of every disease to diagnose the scenarios e.g a scenario of Dermatology asking you diagnosis of a skin disease with "silvery-white scales on elbows, knees, back" should lead you towards "Psoriasis".
- 2) 'Investigation Of Choice' of every disease should be remembered well as it is often asked in MCQs as well as in SEQs e.g Investigation of Choice for a Prolactinoma (Prof.2012)
- 3) Epidemiology is not important as it is not asked in exams.
- 4) Pathophysiology of Disease should be read briefly.
- 5) One should know the D/D of all the important Diseases. These are very often asked in SEQs and vivas as well. For this, consult any book available.
- 6) After you have finished Davidson, do a selective reading of "Bedside Techniques" as it helps you in theory exams e.g a scenario from Pulmonology with Clinical feature of "Stony-dull Percussion Note" should lead you towards Pleural Effusion or Empyema.
- 7) Whenever you are asked about the 'Management' of a Disease, Describe it in two headings. 'General Management' and 'Specific Management'
- 8) To summarize, you must completely memorize the Clinical Features, Investigations, D/D and Management of all these topics.

Medicine Paper-I

Cardiovascular Disease

- Cardiac Biomarkers
- Uses of Echocardiography (brief)
- Cardiac Catheterisation
- Box 18.6-NHYA Classification
- Box 18.7-D/D of Chest Pain
- Stable Angina & Acute Coronary Syndrome (Imp)
- Orthopnea, PND, Cheyne-Stokes Respiration
- Acute Circulatory Failure (Cardiogenic Shock)
- Cardiac Tamponade (Imp)
- Heart Failure (Imp)
- Management of Acute Pulmonary Edema

- Management of Chronic Heart Failure
- Hypertension
- Syncope and Presyncope
- Cardiac Arrest and BLS
- Box 18.24 and 18.25 (MCQs)
- Definitions of Sinus Bradycardia, Sinus Tachycardia, Atrial Tachycardia, Atrial Flutter
- Atrial Fibrillation (Imp)
- Torsades de pointes & AV Block (brief)
- Atherosclerosis (Risk factors, Preventions)
- Stable Angina (Imp)
- Acute Coronary Syndrome (Imp)
- Complications of ACS (Imp)
- Box 18.73- Later Management of MI
- Intermittent Claudication (brief)
- Differences of Raynaud's phenomenon and Disease
- Box 18.82-6Ps of Acute Limb Ischemiaox 18.112 Clinical Features of AR
- Infective Endocarditis (V.Imp)
- Coarctation of Aorta
- Hypertrophic Cardiomyopathy
- Acute Pericarditis, Pericardial Effusion, Chronic Constrictive Pericarditis
- Congenital Heart Disease From Pervaiz Akbar
- Mitral Regurgitation & Stenosis

Respiratory Disease

- Fig 19.4, Box 19.2, Box 19.3
- FEV1 & FVC, Gig 19.6
- Box 19.8
- Chest Pain and Haemoptysis from Bedside
- Box 19.11 Causes of Pulmonary Nodules
- Pleural Effusion Box 19.14, Box 19.15 and Management
- Chronic and 'Acute on Chronic'
- Asthma (V.Imp)
- COPD
- Bronchiectasis(V.Imp)
- Pneumonia (Investigations, D/D, Complications, Rx)
- Box 19.57, 19.58, 19.60.. Fig 19.36, 19.37
- Tuberculosis
- ABPA
- Idiopathic Pulmonary Fibrosis
- Sarcoidosis
- Asbestosis
- Venous Thromboembolism
- Spontaneous Pneumothorax

Alimentary Tract & Pancreatic Disease

- Box 22.5
- Dysphagia & Dyspepsia (Brief)
- Acute Upper Gastrointestinal Hemorrhage (V.Imp)
- Box 22.20
- Malabsorption
- Box 22.25 & Fig 22.25
- Gastro-Esophageal Reflex Disease
- Achalasia of Oesophagus
- Carcinoma of Oesophagus
- Box 22.36, 22.38
- Menetrier's Disease
- Peptic Ulcer Disease (Imp)
- Zollinger-Ellison Syndrome
- Gastric Carcinoma
- Coeliac Disease
- Dermatitis Herpetiformis, Tropical Sprue
- Whipple's Disease
- Box 22.57, 22.59
- Lactose Intolerance
- Carcinoid Tumours
- Acute Pancreatitis
- Chronic Pancreatitis
- Inflammatory Bowel Diseases (V.V.Imp)
- Comparison between UC & Crohn from Pervaiz Akbar
- Irritable Bowel Syndrome
- Colorectal Cancer
- Difference between Hirschsprung's and Megacolon

Liver & Biliary Tract Disease

- Liver Function Tests
- Box 23.4, 23.7, 23.9, 23.10, 23.11
- Jaundice Complete
- Acute Liver Failure (Imp)
- Ascites (V.Imp)
- Variceal Bleeding (V.V.Imp)
- Cirrhosis
- Portal HTN
- Viral Hepatitis from Pervaiz Akbar
- Box 23.48 and Management
- NAFLD Management
- Wilson's Disease
- Gilbert's Syndrome
- Primary Biliary Cirrhosis (V.Imp)

- Hepatocellular CA
- Pyogenic Liver Abscess
- Hydatid Cysts
- Amoebic Liver Abscess
- Budd-Chiari Syndrome (brief)
- Pregnancy associated Liver Disease
- Gallstones (brief)
- Cholecystitis

Blood Disease

- Box 24.3, 24.4, 24.12
- Anaemia
- High Hb
- Venous Thrombosis
- Iron Deficiency Anaemia
- Anaemia of Chronic Disease
- Megaloblastic Anaemia
- Fig 24.22
- Hereditary Spherocytosis
- G6PD Deficiency
- Sickle Cell Anaemia
- Thalassaemias from Pervaiz Akbar
- Leukemias from Pervaiz Akbar
- Hodgkin Lymphoma
- Multiple Myeloma
- Aplastic Anaemia
- Polycythemia Rubra Vera
- Thrombocytopenia (V.V.Imp)
- Haemophilias From Pervaiz Akbar
- Disseminated Intravascular Coagulation
- Thrombotic Thrombocytopenic Purpura

Musculoskeletal Disease

- Fig 25.7, 25.9
- Principles of Management of MS Disorders (just names)
- Osteoarthritis
- Rheumatoid Arthritis
- Ankylosing Spondylitis
- Reiter's Disease
- Psoriatic Arthritis
- Gout
- Septic Arthritis
- SLE
- Systemic Sclerosis

- Sjogren's Syndrome (brief)
- Wegener's Granulomatosis
- Churg-Strauss Syndrome & Henoch-Schonlein Purpura
- Behcet's Syndrome
- GCA & PMR
- Osteoporosis
- Paget's Disease (brief)
- Charcot joints

Neurological Disease

- Box 26.3, 26.6
- Facial Pain
- Box 26.14, 26.15, 26.16, 26.17, 26.18, 26.19, 26.23, 26.26
- Migraine
- Cluster Headache
- Trigeminal Neuralgia
- Epilepsy (Causes, Features, Investigations, Management)
- Status Epilepticus & its Rx
- Stroke (V.Imp)
- Subarachnoid Hemorrhage, Subdural, Extradural Hematoma
- Multiple Sclerosis (Imp)
- Parkinson (V.Imp)
- Wilson, Alzheimer (MCQs)
- Meningitis
- Tetanus
- Raised ICP
- Hydrocephalus
- Idiopathic Intracranial HTN
- Box 26.106, 26.107
- Guillain Barre Syndrome
- Myasthenia Gravis
- Acoustic Neuroma

Medicine Paper-II

Medical Psychiatry

- Box 10.1, 10.3, 10.6, 10.7, 10.8, 10.9, 10.11, 10.14, 10.18
- Depressed Mood
- Delusions & Hallucinations
- Fig 10.1, 10.2, 10.3
- Confusion
- Psychological Treatments
- Acute Stress Reaction
- Adjustment Disorder
- PTSD
- Anxiety Disorders
- Phobic/Panic/GAD
- Obsessive-compulsive Disorder (V.Imp)
- Depression
- Bipolar Disorder (V.V.Imp)
- Schizophrenia (V.V.Imp)
- Box 10.28, 10.29
- Acute Delirium (V.Imp Page 171)
- Eating Disorders (V.Imp)
- Somatoform Disorders (Brief)
- Dissociative Disorder (Imp)
- Factitious & Puerperal disorders (brief)

Infectious Diseases

- PUO (brief)
- Necrotising Fasciitis
- Acute Diarrhoea & Vomiting
- Measles & Chickenpox from Pervaiz Akbar
- Shingles (V.Imp)
- CMV
- Dengue
- Staphylococcal Infections
- Scarlet Fever
- Typhoid Fever (V.V.Imp)
- Leprosy
- Malaria (Imp)
- Chaga's Disease
- Toxoplasmosis
- Leishmaniasis Kala-Azar (Imp)
- Amoebiasis (Imp)
- Ancylostomiasis

- Enterobius Vermicularis
- Trichuris Trichiura
- Echinococcus Granulosus
- Candidiasis
- Mucormycosis

HIV Infection & AIDS

- From Kaplan

Sexually Transmitted Infection

- Syphilis
- Gonorrhoea

Clinical Biochemistry & Metabolism

- Hypokalaemia
- Hyperkalaemia (V.Imp)
- Metabolic Acidosis (V.V.Imp)
- Metabolic Alkalosis (V.Imp)
- Hypomagnesaemia
- Hypermagnesaemia

Kidney & Urinary Tract Disease

- GFR, IVU, Pyelography
- UTI
- Box 17.8, 17.14, 17.17, 17.22, 17.34, 17.35
- Loin Pain
- Box 17.19 (V.Imp)
- Proteinuria
- Nephrotic Syndrome (Imp)
- Acute Renal Failure (V.V.Imp)
- Chronic Renal Failure (V.V.Imp)
- Renal Replacement Therapy
- Renal Artery Stenosis
- IgA Nephropathy & HS-purpura
- Acute post-infectious Glomerulonephritis (Imp)
- Alport's Syndrome (brief)
- AIN (brief)
- Polycystic Kidney Disease (Imp)
- Benign Prostatic Hyperplasia
- Renal Adenocarcinoma (V.Imp)

Endocrine Disease

- Thyrotoxicosis
- Hypothyroidism

- Thyroid Enlargement
- Box 20.13, 20.14, 20.21
- Grave's Disease
- Hashimoto's Thyroiditis
- Iodine Associated Thyroid Disease (brief)
- Medullary CA
- Polycystic Ovarian Syndrome
- Testicular Tumours
- Box 20.36 Management of Hypocalcemia
- Primary Hyperparathyroidism (V.Imp)
- Glucocorticoids
- Cushing's Syndrome
- Box 20.45, 20.47, 20.60
- Pheochromocytoma (V.V.Imp)
- Congenital Adrenal Hyperplasia
- Fig 20.28 (V.V.Imp)
- Prolactinoma (V.V.Imp)
- Acromegaly (V.V.Imp)
- Diabetes Insipidus

Diabetes Mellitus

- Box 21.2
- Type 1 Diabetes (brief)
- Type 2 Diabetes
- Insulin Resistance, Box 21.4 (V.Imp)
- Investigations (brief)
- Diabetic Ketoacidosis (V.Imp) Box 21.19
- Non-Ketotic Hyperosmolar Diabetic Coma
- Lactic Acidosis
- Box 21.21, 21.24, 21.25, 21.29, 21.33, 21.35, 21.41
- Anti-Diabetic Drugs (Names, Indications, Side Effects)
- Diabetic Nephropathy & Neuropathy (brief)

Skin Disease

- Box 27.10, 27.23
- Eczema
- Atopic Eczema (V.V.Imp)
- Psoriasis (V.Imp)
- Lichen Planus
- Urticaria
- Acne Vulgaris
- Impetigo
- Deep Folliculitis
- SSSS

- Fungal infections
- Scabies
- Toxic Epidermal Necrolysis (V.Imp)
- Bullous Pemphigoid
- Dermatitis Herpetiformis
- Erythema Multiforme
- Erythema Nodosum
- Acanthosis Nigricans
- The Nail in Systemic & Skin Disease (MCQs)

Others

- Organophosphorus Poisoning (Page 218)
- Box 28.1, 28.2 Type equation here.

Bedside

- Causes of Clubbing
- Causes of Edema
- Cyanosis

CVS

- Causes of Abnormal Heart Rate
- Causes of Atrial Fibrillation
- Characteristics of Pulse
- Causes of Raised JVP
- Causes of Murmurs

Respiratory System

- Cough
- Dyspnea
- Causes of Shift of Trachea
- Percussion Note
- Causes of Crepitations

Alimentary & Genito-Urinary

- Causes of Hepatomegaly/Tender Hepatomegaly
- Causes of Splenomegaly/Hepatosplenomegaly
- Causes of Ascites

SURGERY

Books Recommended

Bailey & Love, Abdul Wahab Dogar

Surgery Paper-I

Instructions:

"The exam of General Surgery can be more General than it should be." So, in order to secure good marks in this subject, you must have a good general knowledge of Surgery besides theory. "General Surgery by Dr. Abdul Wahab Dogar" is a very nice book for this subject and I recommend you this.

(*** means that These Chapters should be read completely as these are very important)

Diagnostic & Interventional Radiology***

- Uses, Adverse effects of X-Rays
- Contrast X-Ray studies
- Mammography
- CT
- MRI
- Ultrasound
- Trauma Imaging
- Interventional Radiology

Preparation of a patient Before Surgery

- PreOperative Treatment/Optimization

Sterile Precautions

- Disinfection
- Sterilization
- Factors Contributing to Asepsis in OT
- Surgery in High Risk pts.

Anesthesia***

Needles & Sutues (MCQs)

Post-Op Care (Viva)

Post-Op Complications

- Wound
- Respiratory
- GIT
- Pyrexia

Surgical Audit (Definition & Cycle)**ATLS*****

- Steps In Air Philosophy
- Triage

Chest Trauma*****War Fare Injuries*****

- Management
- Principles of Missile Injury Surgery
- Do's & don'ts
- Blast Injuries (Management)

Burn Injuries***

- Wallace's rule
- Assessment of Airway Injury
- Management
- Escharotomy

Graft & Flaps***

- Comparison of Partial & Full thickness graft
- Flaps & their Classification

Fluid Therapy & Acid-Base disorders*****Blood Transfusion**

- Safety Measures
- Specific Indications
- Complications (V.Imp)
- Auto-Transfusion
- DIC

Arterial Disorders***

- Manifestations of Chronic Limb Ischemia
- Investigations
- Treatment
- Acute Arterial Occlusion

- Buerger's & Raynaud's disease
- Abdominal Aortic Aneurysm (V.Imp)

Gangrene & Amputation***

- Types
- Synergistic gangrene (Fournier, Maloney) V.Imp
- Types of Amputations
- Complications of Amputation

Venous Disorders***

- Varicose/Reticular/Spider veins
- Clinical Features, Signs&Symptoms
- Complications, Diagnosis/Investigations
- Management
- DVT(V.Imp)

Lymphatic Disorders***

- Causes of Limb Swelling
- Classification/Investigations/Management
- Filariasis
- Cystic Hygroma
- Causes of Cervical Lymphadenopathy (V.Imp)

Surgical Oncology

- Definitions of Neoplasm, Sarcoma, Carcinoma
- Tumor Markers & their Significance
- Chemotherapy
- Complications of Chemotherapy (V.Imp)
- Indications & Adverse Effects of Radiotherapy (V.Imp)
- Brachytherapy
- 5Rs of Radiotherapy

Tumours of Skin

- Lipoma(MCQ)
- Marjolin's Ulcer
- Bowen's disease
- Basal Cell CA
- Squamous Cell CA
- Haemangiomas
- Ganglion
- Bursa

Surgical Nutrition

- Calculation of Energy Requirements

- Enteral Feeding
- Parenteral Feeding
- Complications of TPN

Sinuses, Fistulas and Cyst

- Definitions of Sinuses, Fistulas & Cyst
- Pilonidal Sinus
- Fistula
- Dermoid Cyst (V.Imp)
- Sebaceous Cyst
- Hydatid Cyst (V.Imp)

Chronic Leg Ulcers

- Classification
- Treatment
- Arterial Ulcers
- Distinguishing features of A. & V. ulcers (Imp)
- Diabetic Ulcers (V.Imp)

Wounds & Healing***

- Abrasion, Avulsion, Contusion, Crush Injuries (V.Imp)
- Tidy/Untidy Wounds differences
- Wound Healing, Types, Factors (V.Imp)
- Debridement

Surgical Infections***

- Predisposing Factors
- SIRS
- Sepsis
- MODS
- Classification of Surgical Wound
- Guidelines of Antibiotic prophylaxis
- Abscess/Cold Abscess
- Collar Stud Abscess (V.Imp)
- Cellulitis (Long Case)
- Carbuncle
- Tetanus (Imp)
- Madura Foot
- Actinomycosis
- Snake Bite (brief)

Hemorrhage & Shock

- Measurement of Acute blood loss
- Arrest of Haemorrhage (V.Imp)

- Shock (V.Imp)

Head Injuries

- GCS (V.V.Imp)
(Practice to draw GCS table in 2-3 minutes)

Spinal Cord Trauma

- Lumbar Disc Herniation (brief)

Surgical Anatomy

Its difficult to label anything important here. You should have a good general concept of all the important Viscera from the surgical point of view like Breast, Thyroid, Inguinal canal etc.

- Breast
- Thyroid
- Curvatures of Esophagus
- Blood Supply/Lymphatic Drainage of Stomach
- Surgical Importance of Prostate
- Inguinal Canal
- Spermatic Cord

Surgical Ethics

- Informed Consent

Surgery Paper-II

ORTHOPEDICS

- Basic Definitions, Types of Fractures
- SALTER Classification
- Complications of Fracture (V.Imp)
- NonUnion/MalUnion/Delayed Union
- General Rx of Injured patient
- Reduction/Stabilization
- Dislocation of Shoulder joint (V.Imp)
- Olecranon fracture
- Forearm fracture (V.Imp)
- Colles Fracture (V.Imp)
- Scaphoid fracture
- Acetabular fracture
- Fractures of Femur (V.Imp)
- Tibial Fracture
- Bone Tumours (MCQs)
- Acute Osteomyelitis
- Dupuytren's Contracture
- Carpel Tunnel Syndrome & Cervical Rib Syndrome

Oesophagus

- Oesophageal Atresia & tracheoesophageal fistula
- GERD
- Achalasia
- Mallory Weis Syndrome
- Carcinoma (Most Common?, Investigations, Staging, Management)
- Perforation (brief)
- Corrosive Injury (brief)

Stomach & Duodenum

- Peptic Ulcer Disease Complete (Investigations, Rx V.Imp)
- Complications of Peptic Ulcer (V.Imp)
- Perforated Peptic ulcer
- Gastric Outlet Obstruction
- Pyloric Stenosis
- Gastric Cancer

Liver

- Liver Trauma
- Hepatocellular CA
- Portal Hypertension (Variceal Hemorrhage)

- Pyogenic Liver Abscess (V.Imp)
- Hydatid Disease (V.Imp)
- Amoebic Liver Abscess (V.Imp)

Spleen

- Splenic Trauma (V.Imp)
- Splenectomy (V.Imp)

Gallbladder & Bile Ducts

It is very important as many questions are asked from this chapter in SEQs, MCQs, OSPEs and Vivas.

- Investigations (Xray, USG, MRCP, ERCP, PTC etc)
- Cholelithiasis (V.Imp)
- Acute Calculous Cholecystitis (V.Imp)
- Complications of Cholecystectomy
- Choledocholithiasis
- Bile Duct Injury

Pancreas

- Acute Pancreatitis (V.Imp)
- Pseudopancreatic Cyst (V.Imp)
- Chronic Pancreatitis (brief)
- Pancreatic CA (Investigations, Management)

Peritoneum, Mesentery & Retroperitoneal Space

- Bacterial Peritonitis
- Biliary Peritonitis
- Tuberculous Peritonitis
- Mesenteric Cyst (V.Imp)

Small & Large Intestine

- Hirschsprung's Disease
- Typhoid Perforation (V.Imp)
- TB of Intestine (V.Imp)
- Ulcerative Colitis (V.Imp)
- Crohn's disease
- Enterocutaneous Fistula (V.Imp)
- Short Bowel Syndrome
- Meckel's diverticulum
- Rectal Prolapse
- Adenoma, FAP (MCQs)
- Colorectal CA (V.V.Imp)
- Ileostomy & Colostomy (Imp)
- Intestinal Obstruction (V.Imp)

- (Types, Causes, Features, Investigations, Management, Complications)
- Volvulus
- Acute Intussusceptions
- Adynamic Obstruction (Paralytic Ileus)

Vermiform Appendix

- Acute Appendicitis (V.Imp)
 - (Signs, Investigations, Treatment, Complications)
- Appendectomy (Incisions names, Problems encountered & their solutions)
- Appendicular Mass

Anal Canal

- Pilonidal Sinus (V.Imp)
- Anal Fissure (V.Imp)
- Haemorrhoids
- Anorectal Abscess
- Fistula in Ano (V.Imp)

Hernias, Umbilicus & Abdominal Wall

- Composition (brief)
- Clinical Classification (Imp)
- Inguinal Hernia (Imp)
- Summary of Steps of Herniotomy & Hernioraphy
- Strangulated Hernia (V.Imp)
- Femoral Hernia (brief)
- Umbilical Hernia (brief)
- Paraumbilical Hernia (V.Imp)
- Epigastric Hernia (brief)
- Burst Abdomen (V.V.Imp)
- Incisional Hernia (V.Imp)

Urology

- Adult Polycystic Kidney (brief)
- Renal Trauma (V.Imp)
- Hydronephrosis (V.Imp)
- Renal Stones (V.Imp)
- Ureteric Stone (V.Imp)
- Renal Cell CA Grawitz's (V.Imp)
- Wilm's tumour
- Acute Urinary Retention (Imp)
- Bladder Stones (Imp)
- Diverticulae of Bladder (brief)
- Cystitis
- CA Bladder

- BPH
- CA Prostate
- Injuries to Male Urethra (V.V.Imp)
- Phimosis & Circumcision
- Torsion of Testis
- Vericocele
- Hydrocele (V.Imp)
- Testicular Tumours (V.Imp)

Thyroid Gland

- Thyroglossal Cyst
- Hashimoto's Thyroiditis
- Multinodular Goitre
- Discrete Thyroid Nodule
- Tumours of thyroid
- Thyroidectomy (V.Imp)

Parathyroid Gland

- Hyperparathyroidism

Adrenal Gland

- Conn Syndrome
- Pheochromocytoma (V.Imp)

Salivary Glands

- Ranula, Plunging Ranula, Sialadenitis, Sialolithiasis
- Pleomorphic Adenoma (V.Imp)
- Frey's Syndrome (brief)
- D/D of neck Lumps
- Branchial Cyst (brief)

Chest Trauma

- Open Pneumothorax
- Tension Pneumothorax (V.V.Imp)
- Spontaneous Pneumothorax (V.Imp)
- Hemothorax
- Cardiac Tamponade
- Flail Chest
- Surgical Emphysema
- Cervical Rib
- CA lungs (V.Imp)

Breast (V.Imp)

- Triple Assessment

- Nipple Discharge
- Fibroadenoma
- Breast Abscess
- Gynecomastia
- Mastalgia (V.Imp)
- CA Breast (V.Imp)
 - TNM & Manchester Staging, Management
- Structures to be saved during Axillary Clearance

Neurosurgery

- Physical Signs of Skull fracture
- GCS
- Management of Head Injury (Definitive Rx)
- Extradural & Subdural Hematomas and differences b/w them
- Investigations & Treatment of Spinal Cord Injury
- Nerve Injuries types (MCQs)
 - Some frequently asked MCQs
 - Brachial Plexus Injury (Erbs Palsy)
 - Ulnar Nerve (Claw Deformity)
 - Sciatic & Common Peroneal (Foot Drop)
 - Long Thoracic (Winging of Scapula)

Cardiac Surgery

- Cardiopulmonary By Pass
- Coronary Artery Bypass Graft
- Coarctation of Aorta
- Aortic Dissection

Oro dental Surgery

- Oral Cancer
- Tongue Cancer
- Neck Dissections
- Cleft Lip & Cleft Palate (V.Imp)

GYNAECOLOGY

For MCQs, it is a good idea to do atleast one reading of complete book and Underline the important lines. Besides this, it is a good practice to read "Key Points" given at the end of each chapter.

- Pregnancy Tests
- Anatomy of Uterus
- Turner Syndrome
- Physical Changes occurring in Puberty
- Roles of different Hormones in Menstrual Cycle
- Ovulation
- Heavy Menstrual Bleeding (V.V.Imp)
- Dysmenorrhoea
- Amenorrhoea/Oligomenorrhoea (Imperforate hymen)
- Polycystic Ovarian Syndrome (V.Imp)
- Post-menopausal bleeding
- Vulvovaginal Candidiasis (V.Imp)
- Trichomonas Vaginalis (V.Imp)
- Bacterial Vaginosis
- Pelvic Inflammatory Disease (V.V.Imp)
- Combined Hormonal Contraception
- Progesterone-only pills
- Copper IUD & Mirena
- Sterilization (Imp)
- Medical & Surgical Abortion
- Subfertility (Causes, Investigations, Management)
- Ectopic Pregnancy (V.V.Imp)
- Miscarriage (Risks, Types, Management)
- Asherman Syndrome (Imp)
- Uterine Fibroid (V.V.imp)
- Endometriosis & Adenomyosis
- Benign Diseases of Ovary
- Tumour Markers of Ovarian CAs
- Ovarian CA (V.V.Imp) Risk Factors, Classification, Staging, Management
- Endometrial CA (V.V.Imp) Risk Factors, Classification, Staging, Management
- Cervical CA (V.Imp)
- Vulval CA
- Types, Classification, Causes, Investigations & Management of Incontinence
- Uterovaginal Prolapse (V.Imp)
- Causes of Premature Ovarian Failure (Table)

- Effects of Menopause (Table)
- Osteoporosis (brief)
- Non-prescription therapies for Menopausal symptoms (Table)
- HRT (Indications, Risks, Contraindications, Side-effects)
- Common Gynaecological Procedures (Imp)

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OBSTETRICS

Obs. History Taking & Examination

- Definitions of
 - Gravida, Para & Abortion (GPA), LMP, SFH
- Bishop Score (Table and its Uses?)

Physiological Changes in Pregnancy

- All the "Key Points"
- Volume, Blood, CVS
- Reproductive Organs

Normal Fetal Development & Growth

- Amniotic Fluid (V.Imp)

Antenatal Care

- Aims of Antenatal Care (brief)
- EDD Calculation (By LMP, SFH, USG)
- Benefits of Dating Scan
- Booking Investigations
- Screening for Fetal Abnormalities
- Gestational Diabetes (V.V.V.Imp)
- Recommended Schedule of Antenatal Visits (Table) (V.V.Imp)

Antenatal Imaging & Assessment of Fetal Well-being

- Features of a Normal CTG
- Biophysical Profile (MCOs+OSPE) V.V.Imp
- Summary of the Aims of Obs. Ultrasound

Prenatal Diagnosis (V.Imp)

- Down's syndrome
- Comparison of Invasive tests (Table)
- Examples of conditions & their method of Diagnosis (Table)
- Neural Tube Defects

Antenatal Obs. Complications

- Hyperemesis Gravidarum (V.V.Imp)
- Names of Minor Complications
- Venous Thromboembolism (V.V.Imp)
- Smoking in Pregnancy
- Oligohydramnios & Polyhydramnios (V.V.V.Imp)

- Post-Term pregnancy
- Antepartum Hemorrhage (V.Imp)
- Placenta Abruptio, Placenta Praevia, Vasa Praevia
- Management of Rhesus Disease

Twins & Higher Multiple Gestations

- Definitions
- Classification
- Complications
- Twin-To-Twin Transfusion Syndrome
- Requirements for Twin Delivery

Pre-Eclampsia & Other Disorders of Placentation

- Normal Placentation (brief)
- Pre-Eclampsia & Eclampsia (V.V.Imp)
- Fetal Growth Restriction (V.Imp)
- Placental Abruptio (V.Imp)

Late Miscarriage & Early Birth

- Definitions of
 - Miscarriage, Preterm, Term, Post-Term
- Preterm Labour/PPROM (V.V.Imp)

Medical Diseases Complicating Pregnancy

- Anemia (V.V.Imp)
- Heart Disease (V.Imp)
- Diabetes (V.Imp)
- Thyroid Disease
- Hypertension

Perinatal Infections (MCOs)

Labour (V.Imp)

- Pelvis (Inlet/Outlet Diameters, Types)
- Fetal Skull
 - Shapes of Fontanelles
 - Diameters (V.Imp)
- The process of Labour (V.Imp)
- Management of Normal Labour
 - All three Stages
 - 3rd Stage (V.V.Imp)
 - Fetal Assessment in labour
- Partogram
- Abnormal Labour

- Poor Progress in Labour
- Causes?
- CPD
- Breech Presentation (V.V.Imp)
- Obstructed Labour (V.V.Imp)
- Induction Of Labour (V.Imp)
- Bishop Score

Operative Intervention in Obs.

- Episiotomy
- Perineal Trauma
- Indications/Contraindications/Complications for Assisted Vaginal Delivery
- Prerequisites for Instrumental Delivery
- Caesarean Section

Obstetric Emergencies

- What is ABCDE?
- Structured Approach (Figure)
- AntePartum Hemorrhage (V.V.Imp)
- PostPartum Hemorrhage (V.V.Imp)
- Uterine Rupture (V.Imp)
- Cord Prolapse
- Shoulder Dystocia

The Puerperium

- Puerperal Pyrexia (V.Imp)
- Mastitis
- Puerperal (Psychosis, blues, pinks)

PEDIATRICS

History & Exam

- Neonatal Reflexes

Growth & Development

- Height, Weight & Head Circumference at different Ages

Immunization (V.Imp)

- EPI (V.V.Imp)
- BCG
- Polio
- Measles
- H.Influnza
- Meningococcal
- Pneumococcal

Psychiatric Disorders

- Definitions of
 - Pica, Enuresis, Encopresis, Autism

Pediatric Nutrition

- Breast Feeding (V.V.Imp)
- Formula Feeding
- Weaning
- Malnutrition (V.Imp)
 - Primary/Secondary
 - Gomez, Harvard, Waterlow, Welcome
- Marasmus (V.Imp)
- Kwashiorkor (V.Imp)

Acutely Ill Child

- Shocks & their Treatment

Neonatology

- Birth Asphyxia
- APGAR Score
- Respiratory Distress (V.imp)
- Necrotizing Enterocolitis (V.Imp)
- IVH
- Causes of Apnea
- Neonatal Sepsis

- Jaundic Neonatorum (V.V.Imp)
- Small for Gestational Age
- Hypocalcemia
- Neonatal Seizures (V.V.Imp)
- Immune Thrombocytopenia

Infectious Diseases

- Acute Diarrhea (Imp)
- Worm Infestation (MCOs)
- Poliomyelitis (V.V.Imp)
- Diphtheria (V.Imp)
- Tetanus (V.Imp)
- Measles (V.Imp)
- Mumps (V.Imp)
- Chickenpox (V.Imp)
- Malaria
- Typhoid (Enteric) Fever (V.imp)
- Tuberculosis
- Rheumatic Fever (V.V.Imp)
- PUO
- D/D of Maculopapular & Vesular Rash (Names only)

Respiratory Disorders

- Croup (brief)
- IMCI Classification of Acute Respiratory Infections
- Bronchiolitis
- Pneumonia
- Pleural Effusion
- Pneumothorax
- Asthma

GIT & Liver

- Acute/Chronic Diarrhea
- IMCI Classification of Diarrhea
- Celiac Disease
- IBD (brief)
- Hepatomegaly
- Acute Hepatitis

Cardiovascular Disorders

- Cyanotic & Acyanotic Heart Diseases (Names)
- Tetralogy of Fallot (V.Imp)
- Ventricular Septal Defect (V.Imp)
- Patent Ductus Arteriosus (V.Imp)

- Atrial Septal Defect (V.imp)
- Transposition of Great Arteries (brief)

Neurologic Disorders

- Meningitis (V.V.Imp)
- Encephalitis
- Cerebral Malaria (V.Imp)
- Febrile Convulsions (V.V.V.Imp)
- Epilepsy (V.Imp)
- Hydrocephalus
- Cerebral Palsy (V.Imp)

Neuro-Muscular Disorders

- Duchene Muscular Dystrophy (brief)
- Myasthenia Gravis (brief)
- Floppy Infant (brief)
- Guillain Barre Syndrome (brief)
- Bell's Palsy (brief)

Hematologic Disorders

- Iron Deficiency Anemia
- Thalassemia (V.V.Imp)
- Megaloblastic Anemia
- Aplastic Anemia
- Hemophilia
- Von Willebrand
- DIC
- ITP

Neoplastic Diseases

- ALL (V.V.Imp)
- AML
- Hodgkin Disease

Endocrine Disorders

- Hypothyroidism (Cretinism)
- Acute Diabetic Ketoacidosis (V.Imp)
- Rickets (V.V.Imp)
- Wilson Disease (V.Imp)
- Congenital Adrenal Hyperplasia

Metabolic Diseases

- Names of Diseases & Affected Enzymes

Human Genetics

- Down Syndrome

Nephrology

- Hematuria
- Acute Post-Streptococcal Glomerulonephritis (V.Imp)
- Nephrotic Syndrome (V.Imp)
- Acute Renal Failure
- Chronic Renal Failure

Dermatology

- Diaper Dermatitis

Poisoning

- General Management