

MUHS Final Year Winter 2002 – Summer 2020

Rearranged as per CBME Paper Pattern by Amey Ambike (2019 MBBS Batch), Seth GSMC & KEMH.

*Compiled by final year students (**THIS IS NOT AN OFFICIAL MUHS PDF**)*

Books Referred in previous edition (for page numbers):

- **Medicine:** Davidson's (23rd Edition)
- **Surgery:** SRB (6th Edition)
- **Orthopaedics:** Maheshwari (6th Edition)
- **Obstetrics:** Dutta (9th Edition)
- **Gynaecology:** Dutta (7th Edition)
- **Paediatrics:** Ghai (9th Edition)

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References for rearranging: Competency Documents on MUHS website. Paper distribution is not final as per MUHS, overlap between both papers may occur.

Paper wise distribution of topics for Prelim & MUHS Annual Examination
Subject: General Medicine

| Paper | Section | Topics |
|--------------------------------|---|----------------------------------|
| I (100 marks) | Section A MCQs on all topics of the paper I (20x1=20) Section B SAQ on all topics of the paper I (7x5=35) Section C LAQ on all topics of the paper I (3x15=45) | Fever & Febrile Syndromes |
| | | HIV |
| | | Diarrhoeal Diseases |
| | | Pneumonia |
| | | Envenomation |
| | | Miscellaneous Infections |
| | | Poisoning |
| | | Nutrition & Vitamin Deficiencies |
| | | Anaemia |
| | | Obesity |

| | | |
|---------------------------------|--|---|
| | | Hypertension |
| | | Heart failure |
| | | Acute MI/IHD |
| | | The role of physician in the community |
| | | AET-COM |
| II (100 marks) | Section A MCQs on all topics of the paper II (20x1=20) Section B SAQ on all topics of the paper II (7x5=35) Section C LAQ on all topics of the paper II (3x15=45) | GI Bleed |
| | | Liver Diseases |
| | | Mineral Fluid Electrolyte and acid base disorder |
| | | Acute kidney injury and chronic renal failure |
| | | Headache |
| | | Cerebrovascular accident |
| | | Movement disorder |
| | | Diabetes |
| | | Thyroid Dysfunction |
| | | Rheumatological Problems |
| | | Common Malignancies |
| | | Geriatrics |
| | | Psychiatry, Dermatology & Leprosy (DVL) and Respiratory Medicine including Tuberculosis |
| | | AET – COM |

Medicine – I

Clinical Immunology

SAQ

1. Anaphylactic Shock*** - management; c/f, treatment **(S-17)(S-15)(W-13)(S-05)** (Pg. 76)

Poisoning

SAQ

1. Organophosphorus Compound Poisoning***** - c/f****, management***** **(S-16)(S-13)(W-12)(W-10)(S-10)(S-06)(W-05)(W-04)(W-03)** (Pg. 145)
2. Methanol Poisoning* - c/f*, treatment* **(W-13)(S-09)** (Pg. 147)
3. Acute Barbiturate Poisoning* - treatment* **(S-07)(W-06)**
4. Methyl Alcohol Poisoning **(W-18)** (Pg. 147)
5. Zinc Phosphide Poisoning **(S-17)** (Pg. 148)
6. Fluorosis* **(S-11)(S-09)** (Pg. 149)

Envenomation

SAQ

1. Neurotoxic*/Neuromuscular** Snake Bite - management*** **(S-20)(S-19)(S-13)(S-09)(S-08)** (Pg. 159)
2. Vasculotoxic Snake Bite - management **(W-17)**
3. Poisonous Snake Bite*** - management*; c/f*, treatment; complications **(W-15)(W-12)(S-11)(S-05)**
4. Scorpion Sting **(W-14)** (Pg. 161)

LAQ

1. Snake Bite - c/f, investigations, complications, treatment **(S-14)**

Environmental Medicine

SAQ

1. Heat Stroke***** - causes, c/f, management* **(S-18)(S-12)(S-07)(W-05)(W-04)(W-03)** (Pg. 167)
2. Heat Exhaustion **(W-11)** (Pg. 167)
3. Hypothermia **(S-11)** (Pg. 165)
4. Hyperthermia **(S-03)** (Pg. 167)

Acute Medicine and Critical Illness

LAQ

1. Shock - define, types; Cardiogenic Shock - causes, c/f, investigations, treatment **(S-07)** (Pg. 199)
2. Acute Respiratory Distress Syndrome **(S-17)** (Pg. 198)

Infectious Diseases

SAQ

1. Dengue Shock Syndrome*** - c/f **(S-20)(S-19)(W-15)(W-08)** (Pg. 243)
3. Diphtheria* - management; complications **(W-18)(W-10)** (Pg. 266)
4. Enteric Fever***/Typhoid Fever** - complications*****, treatment*; c/f **(W-18)(W-12)(W-11)(W-07)(S-06)(S-03)(W-02)** (Pg. 260)
5. Malarial Chemoprophylaxis* **(S-18)(S-09)** (Pg. 277)
5. Lepra Reaction**** - treatment **(S-18)(W-17)(S-13)(W-07)(W-03)** (Pg. 268)
6. Leptospirosis**/Weil's Disease **(S-18)(S-09)(W-06)** (Pg. 257)
7. Dengue Haemorrhagic Fever* - treatment **(W-17)(W-13)** (Pg. 243)
8. Food Poisoning **(S-17)** (Pg. 262)
9. Malaria/Plasmodium falciparum Malaria** - complications***, treatment **(W-16)(S-16)(W-06)(S-03)** (Pg. 276)
10. Ebola Virus Infection; Ebola Fever **(S-16)(W-14)** (Pg. 246)
11. Viral Haemorrhagic Fevers - causes, treatment **(S-15)** (Pg. 245)
12. Dengue Fever* - C/F* **(W-13)(S-10)**
13. Kala Azar - c/f, investigations **(W-12)** (Pg. 282)
14. Cholera* - treatment; fluid replacement **(S-11)(W-08)** (Pg. 265)
15. Cerebral Malaria** - treatment**; c/f **(S-10)(W-09)(S-03)** (Pg. 275)
16. Traveller's Diarrhoea **(S-10)** (Pg. 232)
17. Hepatic [Amoebic Abscess]* - management* **(W-08)(W-03)** (Pg. 287)
18. Tropical Splenomegaly **(W-08)**
19. Mumps* - c/f, D/D, prevention **(S-08)(W-03)** (Pg. 240)
20. Widal Test - interpretation **(W-06)**
21. Hookworm Infestation* - medical disorders* associated **(S-06)(W-02)** (Pg. 288)
22. Filariasis - manifestations **(W-05)** (Pg. 290)
23. Leprosy - principles of management **(S-04)** (Pg. 267)
24. Newer Drugs in Leprosy **(W-19)** (Pg. 269)
25. Leprosy*** - classification; c/f; drug treatment; complications **(S-18)(S-17)(S-09)(S-04)** (Pg. 267)
26. Lepromatous Leprosy** - c/f **(S-14)(W-12)(W-09)** (Pg. 267)
27. Chicken Pox **(S-12)** (Pg. 238)
28. Herpes Zoster*** **(S-12)(S-07)(S-06)(S-04)** (Pg. 239)
29. Chloroquine Resistant Malaria **(S-11)**
30. Amoebiasis **(W-08)** (Pg. 286)

LAQ

1. Plasmodium Falciparum* - life cycle*; Malaria* - C/F*, management*; etiopathogenesis **(W-18)(S-15)(S-06)** (Pg. 273)
2. Viral Haemorrhagic Fevers - enumerate; Dengue Fever - c/f, complications, treatment **(S-14)**
3. Complicated* [Falciparum Malaria]* - clinical presentation**, management**; etiopathogenesis, complications **(S-13)(S-08)(W-05)**
4. Enteric Fever/Typhoid Fever - c/f*, management; investigations, complications, treatment **(S-12)(S-10)**
5. Measles (in adults) - c/f, complications, management; Patterns of Rash - enumerate, causes associated with infection **(S-07)** (Pg. 237)
6. Cerebral Malaria - c/f, investigations, complications, management **(S-06)**
7. Acute Gastroenteritis - define, causes, pathogenetic mechanisms, investigations, management **(S-05)** (Pg. 228)
8. Fever with Maculopapular Rash - causes; Rubella - c/f, complications, prevention **(S-04)** (Pg. 236)
9. Diphtheria - etiopathogenesis, c/f, investigations, complications **(W-02)**

HIV Infection and AIDS

SAQ

1. HIV* positive patient*** - diagnostic investigations; baseline** investigations with justification; laboratory diagnosis **(S-20)(S-19)(W-15)(W-07)(S-07)** (Pg. 310)
2. CD4 Count **(S-17)** (Pg. 311)
3. AIDS - Pulmonary Infections **(S-15)**
4. Cryptococcal Meningitis **(W-13)** (Pg. 321)
5. HIV Opportunistic Infections* - enumerate **(S-13)(W-10)**
6. AIDS Defining Illnesses - enumerate **(W-05)**
7. Kaposi's Sarcoma **(S-05)** (Pg. 315)
8. HIV - post-exposure prophylaxis **(W-04)** (Pg. 327)

LAQ

1. AIDS - Respiratory System involvement **(W-19)** (Pg. 318)
2. AIDS - CNS manifestations **(W-16)** (Pg. 319)
3. Opportunistic Infections in AIDS - enumerate, c/f, diagnosis, treatment **(W-14)** (Pg. 325)

Sexually Transmitted Infections

SAQ

1. Meningovascular Syphilis **(S-17)** (Pg. 337)
2. Chancre **(W-15)** (Pg. 333)
3. Gonorrhea* **(W-12)(W-09)** (Pg. 339)
4. Genital Warts* **(S-12)(W-06)** (Pg. 342, 1238)
5. Non-Gonococcal Urethritis* - causes, drug management **(W-11)(W-03)** (Pg. 333)
6. Ulcerative Lesion on Penis/Penile Ulcer **(S-11)(W-04)** (Pg. 333)
7. Gonococcal Urethritis **(S-08)** (Pg. 333)
8. Sore on Penis - D/D **(S-07)**
9. VDRL **(S-05)** (Pg. 338)

Clinical Biochemistry and Metabolic Medicine

SAQ

1. Lipid Lowering Agents*/Drugs*/Cholesterol Reducing Agents* - classification***, use**, indications **(S-20)(S-19)(W-15)(S-07)** (Pg. 375)
2. Hyperkalemia** - treatment/management **(W-19)(S-18)(S-14)** (Pg. 362)
3. Hyponatremia** - manifestations, treatment*; c/f **(W-16)(S-15)(W-14)** (Pg. 357)
4. Metabolic Acidosis **(W-12)** (Pg. 364)
5. SIADH **(S-19)** (Pg. 357)
6. Loop Diuretics **(S-13)** (Pg. 354)
7. Hyperkalemia* - management **(S-12)(W-05)** (Pg. 362)
8. Hypokalemia **(W-07)** (Pg. 361)
9. Role of Kidney in Water Balance **(W-04)** (Pg. 355)
10. Respiratory Acidosis **(W-04)** (Pg. 367)
11. Metabolic Acidosis **(S-04)** (Pg. 364)

Cardiology

SAQ

1. Infective*/Bacterial Endocarditis**** - C/F***, prophylaxis; Duke's Criteria **(S-20)(S-19)(W-17)(W-15)(S-15)(W-07)** (Pg. 527, 531; 529)
2. Atrial Fibrillation***** - causes**, treatment****, complications; etiology*, c/f; drug treatment **(S-20)(S-19)(W-16)(W-15)(S-14)(W-12)(W-11)(S-09)(W-08)(S-08)(S-06)(S-04)** (Pg. 470)
3. Acute Myocardial Infarction** - complications*; management **(W-19)(W-17)(S-14)** (Pg. 495)
4. Mitral Stenosis - complications **(W-18)** (Pg. 517)
5. Jugular Venous Pulse **(W-17)** (Pg. 443)
6. Hypertension - principles of management **(S-17)** (Pg. 510)
7. Marfan's Syndrome **(S-17)** (Pg. 508)
8. Ventricular Premature Beats **(S-17)** (Pg. 474)
9. Dilated Cardiomyopathy* - causes, investigations; c/f, diagnosis **(W-16)(S-15)** (Pg. 539)
10. Unstable Angina **(S-16)**
11. Acute Rheumatic Fever* - c/f, treatment; diagnostic criteria **(W-13)(W-09)** (Pg. 515)
12. Supraventricular Paroxysmal Tachycardia **(S-12)** (Pg. 473)
13. Cardiopulmonary Resuscitation **(W-11)** (Pg. 458)
14. Subacute Endocarditis - C/F **(W-10)** (Pg. 528)
15. Thrombolytic Drugs **(W-09)** (Pg. 500)
16. Aortic Regurgitation - C/F **(W-09)** (Pg. 524)
17. Cardiac Tamponade **(S-08)** (Pg. 544)

LAQ

1. Acute MI*****/Uncomplicated MI within 6 hours of chest pain - RF*, C/F*****, investigations*****, management*****; medical management**, complications*; diagnostic work-up **(S-20)(S-19)(W-15)(W-10)(W-08)(S-06)(W-04)(W-02)** (Pg. 493)
2. Heart Failure**/Congestive Cardiac Failure**/Acute Left Ventricular Heart Failure** - define, etiopathogenesis*; causes***, C/F*****, types*, predisposing conditions, lab investigations***, imaging modalities, management*****; medical management of CCF due to Rheumatic Heart Disease **(W-19)(W-17)(W-14)(W-12)(W-11)(S-09)(S-08)(W-03)** (Pg. 461)
3. Infective Endocarditis*** - etiology*, pathology, C/F***, diagnosis, investigations, treatment*; Sub-Acute Endocarditis** - complications, investigations* in diagnosis, management**; pathogenesis, clinical presentations **(W-18)(S-18)(S-17)(S-16)(W-06)** (Pg. 527)
4. Essential Hypertension/Systemic Hypertension - RF, C/F*, investigations*, complications, management; treatment **(S-15)(W-13)** (Pg. 508)
5. Acute Rheumatic Fever*** - etiopathogenesis**, c/f***, investigations***, management*** **(S-13)(S-11)(W-07)(S-03)** (Pg. 515)
6. Pericardial Effusion* - etiology, c/f, investigations; pathophysiological basis of clinical presentations; Tubercular Pericardial Effusion - treatment **(W-09)(W-05)** (Pg. 543, 590)
7. Cardiac Arrhythmia - define; Supraventricular Tachyarrhythmia - enumerate, clinical presentation; Permanent Atrial Fibrillation in patient with Mitral Valve Disease - management **(S-05)**
8. Conductive Tissue of heart - diagrammatic representation; Cardiac Conduction & Rhythm Disorders - classify; Ventricular Tachycardia - etiology, diagnosis, management **(S-04)**
9. Marfan's Syndrome **(S-20)** (Pg. 508)
10. Chronic Cor Pulmonale - etiopathogenesis, c/f, management **(S-13)**

Nutritional Factors in Disease

SAQ

1. Vitamin A* **(S-20)(S-19)** (Pg. 712)
2. Thiamine Deficiency **(W-15)** (Pg. 714)
3. Central Obesity **(S-20)(S-10)**
4. Niacin **(S-19)** (Pg. 714)
5. Wernicke's Encephalopathy **(S-19)** (Pg. 714)
6. Vitamin B3 (Pg. 714)
7. Bariatric Surgery - indications **(S-16)** (Pg. 703)
8. Anthropometry (BMI) **(W-15)** (Pg. 693)
7. Biotin **(W-15)** (Pg. 715)
9. Thiamine Deficiency* - c/f **(S-15)(W-05)** (Pg. 714)
10. Total Parenteral Nutrition** **(S-15)(S-06)(W-04)** (Pg. 707)
11. Vitamin C **(W-14)** (Pg. 715)
12. Pellagra***** **(S-14)(W-13)(S-10)(W-09)(S-09)(S-08)(S-06)(S-05)(S-03)** (Pg. 714)
13. Obesity**** - complications**; investigations **(S-14)(W-12)(W-09)(W-07)(S-05)** (Pg. 698)
14. Scurvy **(W-11)** (Pg. 715)
15. Beri Beri **(S-11)** (Pg. 714)
16. Hypervitaminosis A **(S-11)** (Pg. 713)
17. Vitamin E **(W-08)** (Pg. 713)
18. Zinc Deficiency **(W-06)** (Pg. 717)
19. UNICEF's Inexpensive Measures to Prevent Protein Energy Malnutrition **(W-06)**
20. Hypervitaminosis **(S-04)**

LAQ

1. What is Thiamine; Wernicke's Encephalopathy and Korsakoff's Psychosis - describe, management **(W-06)**

Hematology and Transfusion Medicine

SAQ

1. Iron Deficiency Anemia**** - C/F***, investigations*; management **(S-20)(S-19)(W-15)(S-07)(W-06)** (Pg. 940)
2. Paroxysmal Nocturnal Hemoglobinuria - C/F **(W-19)** (Pg. 950)
3. Thrombocytopenia** - causes**; treatment **(W-19)(S-17)(W-14)** (Pg. 929)
4. Transfusion Reactions**** - enumerate **(W-19)(W-12)(W-11)(W-10)(S-07)** (Pg. 931)
5. Sickle Cell Disease - C/F, complications **(W-18)** (Pg. 951)
6. Megaloblastic Anemia***** - neuropsychiatric features; treatment*; c/f, investigations **(W-18)(S-16)(S-13)(S-11)(S-10)(W-07)** (Pg. 944)
7. Autoimmune Hemolytic Anemia **(S-18)** (Pg. 949)
8. Hodgkin's Lymphoma***** - clinical staging****; treatment; management; indications of radiography and chemotherapy **(W-17)(W-10)(W-09)(S-08)(W-07)(W-03)** (Pg. 962)
9. Pernicious Anemia** - treatment **(S-17)(S-06)(W-02)** (Pg. 944)
10. Fractionated Heparins **(W-16)** (Pg. 938)
11. Non-Hodgkin's Lymphoma **(S-16)** (Pg. 964)
12. Disseminated Intravascular Coagulation - causes, management **(S-14)** (Pg. 978)
13. Chronic Myeloid Leukemia***** - management; diagnosis, treatment****; peripheral blood smear* **(S-14)(W-13)(S-12)(S-09)(W-06)(S-06)(W-04)(W-02)** (Pg. 958)
14. Folate Deficiency* in Adults - causes*, treatment; diagnostic features **(S-14)(S-05)** (Pg. 945)
15. Idiopathic Thrombocytopenic Purpura* - c/f, treatment **(W-13)(W-04)** (Pg. 971)
16. Multiple Myeloma* - C/F* **(S-13)(S-10)** (Pg. 966)
17. Acute Myeloid Leukemia - C/F **(S-11)** (Pg. 955)
18. Hemophilia* - c/f, treatment **(W-10)(S-03)**
19. Microcytic Hypochromic Anemia* - differential diagnosis; causes **(W-09)(S-07)**
20. Aplastic Anemia **(S-08)** (Pg. 968)
21. Hemolytic Anemia - investigations **(W-05)** (Pg. 945)
22. Philadelphia Chromosome **(W-05)** (Pg. 958)
23. Hodgkin's and Non-Hodgkin's Lymphoma - differences **(W-05)**
24. Bone Marrow Examination **(S-05)** (Pg. 920)
25. Beta Thalassemia - diagnostic features, treatment **(S-05)** (Pg. 953)
26. Vitamin B12 Deficiency - causes, complications **(W-03)** (Pg. 944)
27. Acute Lymphoblastic Leukemia - principles of management **(S-03)** (Pg. 955)
28. Hemoglobinopathies - types, one example of each; Painful Crisis in Sickle Cell Anemia - treatment **(S-03)** (Pg. 951)
29. Iron Deficiency Anemia - treatment **(S-12)** (Pg. 941)
30. Vitamin B12 Deficiency **(W-04)** (Pg. 945)

LAQ

1. Chronic Myeloid Leukemia** - cytogenetics, C/F**, diagnosis, treatment; investigations, management* **(S-18)(W-11)(W-07)** (Pg. 958)
2. Anemia - classify; Nutritional Anemia - C/F, investigations, management **(W-17)** (Pg. 940)
3. Hemophilia A - etiology, c/f, management **(S-16)** (Pg. 971)
4. Hodgkin's Disease - classify, c/f, treatment **(W-12)**
5. Leukemia* - classify* (part) **(W-11)(W-07)**
6. Megaloblastic Anemia* - c/f*, diagnosis, treatment*; causes, investigations **(W-10)(W-09)** (Pg. 944)
7. Thrombocytopenia - causes; Idiopathic Thrombocytopenic Purpura - c/f, diagnosis, management **(S-09)**
8. Hemolytic Anemias - classify; Sickle Cell Anemia* - c/f*, complications, management*; pathophysiology **(W-04)(W-03)** (Pg. 946; 951)

Drugs

SAQ

1. Metformin **(S-20)(S-04)** (Pg. 746)
1. Digoxin **(S-17)**
2. Methotrexate **(W-16)**
3. Amiodarone **(W-14)**
4. Newer Anti-TB Drugs **(S-13)**
5. Angiotensin Receptor Blockers* **(S-13)(W-06)**
6. Sodium Valproate **(S-12)**
7. Aspirin **(S-12)**
8. Streptokinase **(S-11)**
9. Thrombolytic Drugs **(W-09)**
10. Protease Inhibitors (HIV) **(S-09)**
11. Digoxin Toxicity **(W-08)**
12. Chloroquine **(W-07)**

Untitled

SAQ

1. Deep Vein Thrombosis - management **(W-19)** (Pg. 186)
2. Purpura - causes, C/F **(W-18)**
3. Down's Syndrome **(S-18)**
4. Refractory Ascites **(S-14)**
5. Hyperuricemia **(S-12)**
6. Genetic Counselling* **(S-11)(W-06)**
7. Tropical Splenomegaly **(W-08)**
8. Genetic Screening **(S-08)**
9. Widal Test - interpretation **(W-06)**
10. Electric Shock and Lightning Injury **(S-05)**
11. Paroxysmal Nocturnal Dyspnoea **(W-04)**
12. Human Genome Project **(S-04)**
13. Severe Acute Respiratory Syndrome [SARS] **(S-04)**
14. Hepato-splenomegaly - causes **(W-03)**

Medicine – II

Endocrinology

SAQ

1. Thyrotoxicosis*** - C/F***, management** **(S-20)(S-19)(W-15)(W-08)** (Pg. 635)
2. Iatrogenic [Cushing's Syndrome]** - c/f* **(W-18)(W-11)(S-04)** (Pg. 666)
3. Hyperaldosteronism **(S-18)** (Pg. 674)
4. Adrenal Insufficiency/Addison's Disease*** - C/F**; treatment **(S-17)(W-16)(S-16)(W-10)(S-08)** (Pg. 672)
5. Hypopituitarism **(S-16)** (Pg. 681)
6. Turner's Syndrome* **(S-16)(W-14)** (Pg. 659)
7. Klinefelter's Syndrome - C/F **(W-13)** (Pg. 660)
8. Thyroid Storm**/Thyrotoxic Crisis - management **(S-13)(W-11)(W-06)(W-05)** (Pg. 639)
9. Hypocalcemia** **(W-12)(W-11)(S-07)** (Pg. 662)
10. Diabetes Insipidus* **(S-12)(W-04)** (Pg. 687)
11. Tetany*** **(S-12)(S-10)(S-06)(S-04)**
12. Acromegaly*** - C/F**; investigations* **(S-10)(S-06)(W-04)(W-02)** (Pg. 685)
13. Hypercalcemia - causes, treatment **(S-09)** (Pg. 661)
14. Gynaecomastia **(W-08)** (Pg. 657)
15. Thyroid Hormone Synthesis* (and Regulation) and Pharmacological Interventions based on it **(S-07)(W-02)** (Pg. 634)
16. Water Deprivation Test **(S-04)** (Pg. 688)
17. Graves' Disease **(S-03)**
18. Hypocalcemia** **(S-17)(S-15)(W-08)** (Pg. 662)
19. Pituitary Gland Hormones - enumerate **(W-13)**
20. Myxoedematous Coma **(S-13)** (Pg. 641)
21. Thyrotoxicosis - eye signs **(W-10)** (Pg. 636)
22. Addison's Disease - c/f **(W-08)** (Pg. 671)
23. Tetany **(W-02)**

LAQ

1. Graves' Disease - c/f*, investigations*, management; causes **(S-15)(W-03)** (Pg. 643)
2. Hypothyroidism*** - causes*, c/f**, investigations*, treatment**; etiology; diagnosis; Myxoedema Coma - management **(S-14)(W-13)(W-10)(W-03)** (Pg. 639)
3. Addison's Disease* and Acute Adrenal Crisis - etiopathogenesis*, c/f*, management; investigations, management **(W-12)(S-05)** (Pg. 672)
4. Cushing's Syndrome - etiology, c/f, treatment **(S-11)**

Diabetes Mellitus

SAQ

1. Metformin **(S-20)(S-04)** (Pg. 746)
2. Oral Hypoglycemic Agents **(S-19)** (Pg. 746)
3. Hypoglycemia* - c/f, treatment **(W-18)(S-15)** (Pg. 738)
4. Diabetic Ketoacidosis**/Ketotic Coma - diagnosis, treatment; management **(S-18)(W-13)(S-08)(W-07)** (Pg. 736)
5. Glycosylated Haemoglobin **(W-17)** (Pg. 726)
6. Sulfonylureas **(W-15)** (Pg. 746)
7. DM* - Microvascular Complications; vascular complications **(S-15)(W-05)** (Pg. 755)
8. Metabolic Syndrome* - RF, complications; Non-Pharmacological Treatment **(S-15)(S-14)** (Pg. 730)
9. Insulin Analogues**/Therapy **(W-12)(W-11)(W-07)(S-07)** (Pg. 748)
10. Newly Detected Diabetic - work-up, treatment **(W-10)**
11. Diabetic Nephropathy* **(S-06)(W-02)** (Pg. 757)
12. Metabolic Syndrome*/Syndrome X **(W-18)(S-07)** (Pg. 730)
13. Autonomic Neuropathy **(S-16)** (Pg. 760)
14. Diabetic Nephropathy* **(W-11)(S-10)** (Pg. 757)
15. DM - diet **(W-08)**

LAQ

1. Diabetes Mellitus*****/Type II DM/NIDDM - classify***, types, C/F****, investigations*, complications****, treatment**; diagnosis, management* **(S-20)(S-19)(S-17)(S-16)(W-15)(W-08)(W-06)** (Pg. 722)
2. Diabetic Ketoacidosis***** - etiopathogenesis*, C/F**, investigations, management****; treatment**; diagnosis; pathophysiology **(W-19)(S-17)(W-16)(S-11)(S-10)(W-09)(S-03)** (Pg. 735)
3. Diabetes Mellitus/Type II DM - chronic* complications in poorly controlled DM; microvascular complications; acute complications **(W-18)(W-17)(W-14)** (Pg. 755)
4. Diabetic Nephropathy - C/F, investigations, prevention **(W-17)** (Pg. 757)
5. Type 2 Diabetes Mellitus - c/f, complications; Insulin Therapy - indications **(S-20)**
6. DM - types, acute & chronic complications **(W-10)**

Gastroenterology

SAQ

1. Gastroesophageal Reflux Disease/GERD*** - treatment **(S-20)(W-19)(S-19)(W-14)(S-13)** (Pg. 793)
2. Acute Pancreatitis***** - laboratory abnormalities; complications; symptoms, D/D, management***; RF, c/f; causes, systemic complications **(W-19)(S-14)(S-07)(S-06)(W-04)(W-03)(W-02)** (Pg. 837; 838)
3. Irritable Bowel Syndrome* - medical management **(S-18)(S-14)** (Pg. 824)
4. Haematemesis* - causes **(W-17)(W-13)** (Pg. 780)
5. Chronic Constipation - management **(W-16)** (Pg. 786)
6. Dysphagia - causes, investigations **(W-16)** (Pg. 778)
7. Chronic Pancreatitis** - c/f*; causes, complications **(W-16)(W-14)(S-05)** (Pg. 839)
8. Acid Peptic Disease - management **(S-16)** (Pg. 800)
9. Upper GI Bleed** - causes*; management **(S-15)(S-14)(W-03)** (Pg. 780)
10. Active [Ulcerative Colitis]***** - complications; medical management; treatment; extra-intestinal manifestations; management **(W-13)(S-09)(S-08)(S-05)(S-04)(S-03)** (Pg. 818; 820)
11. Peptic Ulcer**** - treatment*; c/f; medical management* **(S-13)(S-10)(W-09)(W-06)(W-05)**
12. Tropical Sprue* **(S-12)(W-03)** (Pg. 807)
13. Abdominal Tuberculosis - clinical presentation **(W-05)** (Pg. 812)
14. H. Pylori Infection **(W-04)** (Pg. 798)
15. Chronic Diarrhoea **(W-04)** (Pg. 783)
16. Reflux Esophagitis* - c/f, management **(S-04)(S-03)** (Pg. 792)
17. Toxic Megacolon - management **(S-03)**

LAQ

1. Peptic Ulcers* - causes/etiology*, C/F, complications, investigations, management; Duodenal Ulcer* - management*; etiology, pathogenesis, c/f, investigations **(S-17)(W-07)(S-07)** (Pg. 798)
2. Tuberculosis of Intestines - complications; Tuberculosis of Abdomen* - presentation, investigations*, management; c/f, treatment **(W-16)(W-13)** (Pg. 812)
3. Ulcerative Colitis - c/f, investigations, treatment **(S-11)**
4. Upper GI Bleeding - causes, c/f, evaluation, treatment **(S-10)**
5. Acute Pancreatitis - etiology, pathophysiology, c/f, management **(W-09)**

Hepatology

SAQ

1. Hepatic Encephalopathy*****/Hepatic Coma* - treatment**/management*; principles of management** **(W-19)(S-17)(S-16)(W-14)(W-09)(S-09)(S-06)(W-02)** (Pg. 864)
2. Toxic Hepatitis*; Drug-Induced Hepatitis - causes **(W-19)(W-16)(W-14)** (Pg. 894)
3. Non-Alcoholic Steatohepatitis **(W-18)** (Pg. 882)
4. Hepatitis B***** - management; prevention**; extra-hepatic manifestations; complications **(W-18)(W-12)(W-11)(S-11)(S-10)(S-04)** (Pg. 875)
5. Liver Cell Failure - clinical signs **(W-17)** (Pg. 857)
6. Bleeding Oesophageal Varices* - treatment* **(W-15)(W-03)** (Pg. 869)
7. Cirrhosis of Liver - complications **(S-15)** (Pg. 866)
8. Acute Variceal Bleeding* - management; manifestations **(W-13)(W-08)** (Pg. 865)
9. Portal Hypertension - complications **(W-07)** (Pg. 868)
10. Estimation of Various Liver Enzymes in Diagnosis **(S-07)** (Pg. 852)
11. Obstructive Jaundice/Cholestatic Jaundice - investigations; causes, c/f **(W-06)(S-05)**
12. Alcoholic Liver Disease - pathogenesis, pathology, c/f **(S-05)** (Pg. 880)

LAQ

1. Jaundice** - causes; diagnostic approach* (Pg. 860); Hepatitis B - pathogenesis, C/F, treatment **(S-20)(S-19)(W-05)** (Pg. 873)
2. Portal Hypertension** - classification, etiology*, C/F, complications, intrahepatic causes, pathogenesis, medical management; Oesophageal Varices* - management*; c/f, complications **(S-18)(S-04)(S-03)** (Pg. 868)
3. 45 Year old male presented with Jaundice and Ascites - discuss differential diagnosis; Alcoholic Liver Diseases - investigations, complications, treatment **(W-15)** (Pg. 860, 862, 880)
4. Hepatic Coma** - etiopathogenesis, c/f, investigations*, treatment**; precipitating factors **(S-13)(S-06)(W-02)** (Pg. 864)
5. Ascites* - types, etiology, c/f, investigations, evaluation, management; Tuberculosis Ascites - treatment **(W-11)(W-06)** (Pg. 862)
6. Hepatotrophic Viruses - list, Acute Viral Hepatitis - C/F, Chronic Hepatitis B - treatment **(W-09)**
7. Cirrhosis of Liver* - etiopathogenesis, c/f, complications, management; classify, define **(S-08)(W-02)** (Pg. 866)
8. Hepato-cellular Failure - signs (part) **(S-06)**

Nephrology

SAQ

1. Proteinuria**** - causes***, diagnosis* **(S-20)(W-16)(S-16)(W-13)(W-08)** (Pg. 392)
2. Adult Polycystic Kidney Disease **(W-19)** (Pg. 405)
3. Acute Pyelonephritis* - c/f, management **(W-19)(S-04)** (Pg. 430)
4. Hemodialysis**** - indications**; contradiction; Dialysis - types **(W-18)(W-17)(W-12)(W-10)(S-05)** (Pg. 422)
5. Acute Glomerulonephritis **(S-18)** (Pg. 397)
6. Nephrotic Syndrome* - causes*, c/f, investigations **(W-17)(W-09)** (Pg. 393)
7. Pre-Renal Azotemia **(S-15)**
8. Renal Replacement Therapy **(W-14)** (Pg. 420)
9. Renal Function Tests* **(W-14)(W-11)**
10. Chronic Renal Failure* - management; causes **(S-14)(W-07)** (Pg. 415)
11. Role of Kidney in Hypertension **(W-13)**
12. Asymptomatic Bacteriuria **(S-12)** (Pg. 429)
13. Urinary Casts **(S-12)**
14. Nephrotic Syndrome** - causes*, investigations; diet **(W-10)(W-09)(S-04)** (Pg. 395)
15. Acute Renal Failure* - causes; medical causes, complications of Oliguric Phase **(S-09)(W-02)** (Pg. 411)
16. Microalbuminuria* **(S-08)(W-07)** (Pg. 394)
17. Renal Osteodystrophy* **(W-06)(W-05)** (Pg. 418)
18. IgA Nephropathy (Berger's Disease) **(S-06)** (Pg. 400)
19. Steroids in Renal Diseases **(S-05)**
20. Hematuria* - causes **(W-04)(W-03)** (Pg. 391)
21. Minimal Change Disease **(S-03)** (Pg. 398)
22. GFR - define, formula to calculate GFR **(W-02)** (Pg. 386)

LAQ

1. Chronic Kidney Disease**/End Stage Renal Disease/Chronic Renal Failure*****, - define, causes****, c/f*****, management*****; etiology*****, investigations**; etiopathogenesis, prevention of progression; complications, conservative management* (diet & drugs) (non-dialysis management) **(S-20)(W-19)(S-18)(S-17)(W-16)(S-12)(W-11)(S-09)(W-08)(S-07)(W-03)** (Pg. 415)
2. Renal Replacement Therapy*** - add a note*** (part) **(S-20)(W-16)(W-11)(W-08)** (Pg. 420)
3. Acute Kidney Injury/Acute Renal Failure***** - types, etiology*****, c/f*****, investigations*****, management*****; complications; Acute Tubular Necrosis - pathogenesis, investigations, management **(S-19)(S-16)(W-12)(W-09)(S-06)(W-05)(S-04)** (Pg. 411)
4. Nephrotic Syndrome***** - define, causes*/etiology**, c/f*****, investigations*, treatment*; etiopathogenesis, management*****; evaluation **(W-18)(W-15)(S-14)(S-11)(S-10)(W-07)** (Pg. 395)
5. Acute Glomerulonephritis - etiology, c/f, investigations, management **(W-17)** (Pg. 397)
6. Hematuria* - define*, causes*, approach* **(S-15)(S-08)** (Pg. 391)
7. UTI - etiology, c/f, investigation, treatment **(W-14)** (Pg. 427)
8. Chronic Pyelonephritis - etiology, diagnosis, management, advice **(W-13)** (Pg. 430)
9. Glomerulonephritis - define; Acute PSGN - etiopathogenesis, investigations, management **(S-03)**

Respiratory Medicine

SAQ

1. Bronchial Asthma** - management; Inhaler Therapy; Aerosols **(S-20)(S-07)(S-05)** (Pg. 567)
2. Haemorrhagic Pleural Effusion **(S-20)**
3. Pneumothorax**/Tension Pneumothorax* - treatment; signs **(W-19)(W-18)(W-17)(S-11)(W-10)(S-03)** (Pg. 625)
4. Acute Severe Asthma***/Status Asthmaticus* - management**; treatment** **(W-19)(W-17)(S-17)(W-09)(W-05)(S-04)** (Pg. 572)
5. Atypical Pneumonia **(S-19)**
6. Bronchoalveolar Lavage **(W-18)**
7. Pulmonary Function Tests* in COPD **(S-18)(S-12)** (Pg. 555, 575)
8. Bronchiectasis* **(W-16)(W-08)** (Pg. 578)
9. Acute Bronchial Asthma **(W-16)**
10. Hypersensitivity Pneumonitis - causes **(S-16)** (Pg. 616)
11. Pulmonary Embolism - c/f **(S-16)** (Pg. 619)
12. Pneumonia* - causes, classification; c/f **(S-15)(S-09)** (Pg. 582)
13. Interstitial Lung Disease* **(S-15)(W-08)** (Pg. 605)
14. Community Acquired Pneumonia - c/f **(W-14)** (Pg. 582)
15. Hydropneumothorax **(W-14)**
16. Breath Sounds - enumerate with Lung Disease **(W-13)**
17. Respiratory Dyspnoea **(W-13)** (Pg. 557)
18. Byssinosis (Cotton Dust) **(W-13)** (Pg. 614)
19. Clubbing** - grading, causes **(W-12)(S-10)(W-02)** (Pg. 559)
20. Pneumoconiosis **(S-10)** (Pg. 614)
21. Pleural Effusion - c/f **(S-08)** (Pg. 562)
22. Chronic Bronchitis **(S-08)** (Pg. 573)
23. Pneumocystis carinii Pneumonia **(W-07)**
24. Respiratory Failure - classification, causes **(S-07)** (Pg. 565)
25. Lung Abscess - management **(S-07)**
26. Farmer's Lung **(W-06)** (Pg. 616)
27. Legionnaires' **(W-06)**
28. Cystic Fibrosis - complications, management **(S-06)** (Pg. 580)
29. Bronchogenic Carcinoma - c/f **(W-05)** (Pg. 599)
30. Haemoptysis - causes, treatment **(S-04)** (Pg. 559)
31. Tropical Pulmonary Eosinophilia **(W-03)** (Pg. 612)
32. Pulmonary Hypertension **(S-18)** (Pg. 621)
33. Tropical Eosinophilia* **(W-11)(W-07)** (Pg. 612)
34. Pulmonary Embolism - diagnosis **(W-09)** (Pg. 619)
35. Tuberculous Peritonitis **(S-08)** (Pg. 590)

Tuberculosis

SAQ

1. MDR Tuberculosis*****- treatment**/drugs* therapy; diagnosis **(S-20)(S-19)(S-18)(S-17)(W-16)(S-13)(W-09)(S-09)(W-07)(W-04)(W-02)** (Pg. 595; 592)
2. Primary Pulmonary Tuberculosis** - clinical manifestations; complications, sequelae **(W-19)(W-11)(S-03)** (Pg. 590)
3. Military Tuberculosis - treatment **(S-14)**
4. DOTS* - pitfalls; DOTS Plus **(W-12)(W-11)(S-10)(S-05)** (Pg. 594)
5. Extra-Pulmonary TB **(S-12)** (Pg. 590)
6. Koch's Abdomen - c/f, investigations **(S-09)** (Pg. 590)
7. Tuberculosis - chemoprophylaxis **(W-06)**
8. Primary Complex in Tuberculosis* **(S-06)(W-02)**
9. Newer Anti-TB Drugs **(S-05)**
10. RNTCP - categories, treatment regimens **(W-03)**

LAQ

1. Community Acquired Pneumonia** - name, etiology, c/f, management*, complications; Lobar Pneumonia* - c/f*, investigations, management*; causative agents **(W-19)(W-17)(W-12)(W-07)** (Pg. 582)
2. Bronchial Asthma***** - describe allergic cascade; define, etiopathogenesis***, c/f***, management***; pathological changes; Acute Severe Bronchial Asthma/Status Asthmaticus* - management** **(S-19)(W-15)(S-15)(W-10)(S-09)(W-04)(W-02)** (Pg. 567)
3. COPD** - define**; clinical picture, management; Chronic Bronchitis & Emphysema - etiology, c/f, management; differences; Chronic Bronchitis - treatment of chronic exacerbation **(W-18)(S-17)(S-12)** (Pg. 573)
4. Pleural Effusion* - etiology*, c/f*, investigations, management; D/D; Tuberculous Pleural Effusion - management **(S-18)(W-11)** (Pg. 562)
5. Pneumonia** - classify**, RF, c/f, management; Hospital Acquired Pneumonia - c/f, management **(W-16)(W-12)(W-09)** (Pg. 582; 585)
6. Bronchiectasis***** - causes/etiology, pathophysiology, c/f****; investigations, management****; complications; etiopathogenesis*; diagnosis **(S-16)(S-11)(S-10)(S-08)(S-04)(W-03)** (Pg. 578)
7. Haemoptysis - etiology, c/f, management **(W-13)** (Pg. 559)
8. Lung Abscess* - etiopathogenesis*, c/f*, management*; investigations **(W-08)(S-03)**
9. What are Suppurative Lung Diseases (part) **(S-08)**
10. Acute Bacterial Pneumonia - pathogenesis, investigations, principles of management **(S-05)**

Rheumatology and Bone Disease

SAQ

1. Ankylosing Spondylitis**** - c/f* **(S-20)(W-19)(W-16)(W-11)(W-05)** (Pg. 1030)
2. Rituximab **(W-18)** (Pg. 1006)
3. Rheumatoid Arthritis***** - c/f*; treatment; management**; extra-articular manifestations **(S-18)(S-14)(W-12)(S-12)(W-09)(W-07)** (Pg. 1021)
4. SLE***** - complications; enumerate six criteria; c/f***; extra-articular manifestation*; investigation, treatment **(S-18)(S-16)(W-15)(S-15)(W-14)(S-14)(W-11)(S-09)(S-08)(W-03)** (Pg. 1034)
5. CREST Syndrome - components **(S-16)** (Pg. 1037)
6. Osteomalacia* **(W-15)(S-13)** (Pg. 1051)
7. DMARDS; Disease Modifying Agents for RA **(W-15)(S-08)** (Pg. 1004)
8. Rickets **(W-14)** (Pg. 1051)
9. Charcot's Joint **(W-13)**
10. Scleroderma **(S-13)** (Pg. 1037)
11. Seronegative Spondyloarthropathy* **(S-11)(W-04)** (Pg. 1028)
12. Rheumatoid Factor* **(S-10)(S-06)** (Pg. 991)
13. Temporal Arteritis **(S-10)** (Pg. 1042)
14. Raynaud's Phenomenon **(W-07)** (Pg. 1035, 1038)
15. Takayasu Arteritis **(S-04)** (Pg. 1041)
16. Hyperuricemia **(S-12)** (Pg. 1012)

LAQ

1. Rheumatoid Arthritis***** - etiology* etiopathogenesis*, pathophysiology, c/f*****, treatment/management**; pathogenesis; extra-articular manifestations*; investigations*, treatment; diagnostic criteria, complications; DMARDS & Biological Newer Agents in treatment; deformities **(S-19)(W-14)(S-07)(W-06)(W-05)(S-05)(W-02)** (Pg. 1021)
2. Systemic Lupus Erythematosus (SLE) - c/f, diagnosis, management **(S-06)** (Pg. 1034)

Neurology

SAQ

1. Parkinsonian/Parkinson's Disease**** - treatment; c/f*; drug therapy** **(S-20)(W-18)(S-18)(W-16)(W-14)(S-07)** (Pg. 1113)
2. Myasthenia Gravis***** - management*; c/f* **(S-20)(W-17)(W-16)(S-15)(S-14)(S-06)** (Pg. 1141)
3. Migraine - c/f **(W-19)** (Pg. 1095)
4. Subacute Combined Degeneration of Spinal Cord **(S-19)** (Pg. 1138)
5. Multiple Sclerosis **(S-19)** (Pg. 1106)
6. Newer Anti-Epileptic Drugs **(S-19)** (Pg. 1102)
7. Spinal Cord Disease - clinical localization **(W-18)**
8. Bell's Palsy* **(W-18)(S-11)** (Pg. 1082)
9. Cerebellar Syndrome **(W-17)** (Pg. 1141)
10. Brown Sequard Syndrome - c/f **(S-16)** (Pg. 1083)
11. Pyridostigmine **(W-15)** (Pg. 1143)
12. Cerebellar Signs; Cerebellar Syndrome - clinical signs **(W-13)(W-09)**
13. Seizures - classification **(W-13)** (Pg. 1098)
14. Trigeminal Neuralgia* **(S-13)(W-02)** (Pg. 1096)
15. Status Epilepticus** - management*; define **(W-12)(S-10)(S-03)** (Pg. 1080)
16. Duchenne Muscular Dystrophy **(W-11)** (Pg. 48, 1143)
17. Guillian Barre Syndrome **(S-09)** (Pg. 1140)
18. Disorders of Gait **(S-08)** (Pg. 1086)
19. Neurosyphilis **(W-07)** (Pg. 1125)
20. Cluster Headache **(S-06)** (Pg. 1096)
21. Neurogenic Bladder **(W-05)**
22. Maintenance of Tone **(W-04)**
23. Chorea **(S-04)** (Pg. 1085)
24. UMN lesion & LMN lesion - differentiate **(W-02)** (Pg. 1082)
25. Tetanus*** - causes, prevention; treatment; c/f; grading **(W-18)(S-11)(W-10)(S-03)** (Pg. 1125)
26. Rabies** - post-exposure prophylaxis*; c/f; Bite of Unobserved Stray Dog – treatment**(W-12)(W-10)(S-03)** (Pg. 1122)

LAQ

1. Paraplegia - causes, c/f, investigations **(S-20)**
2. Parkinsonism* - define*, etiology, c/f, management; Parkinson's Disease - pathophysiology, c/f, management **(W-19)(W-10)** (Pg. 1112)
3. Acute Meningitis - treatment; TBM - c/f, investigations, management **(W-18)** (Pg. 1118, 1120)
4. Acute [Bacterial/Pyogenic Meningitis]** - etiology*, c/f**, investigations, management**; diagnosis, etiopathogenesis **(S-18)(S-14)(S-09)** (Pg. 1118)
5. Acute Viral [Transverse Myelitis]** - etiology***, c/f***, investigations*, management**; diagnosis **(W-17)(W-15)(W-05)(S-03)** (Pg. 1110)
6. UMN and LMN paralysis* - differences*; Peripheral Neuropathy*** - causes*/etiology, c/f**, investigations*, management*; classification **(W-16)(S-13)(S-10)(W-04)** (Pg. 1082; 1138)
7. A 32 year old Alcoholic Male presents with Sudden Weakness of Left Half of body with Slurring of Speech. Discuss Differentials and approach to Investigations and Management. **(S-06)**
8. Acute Symmetrical Paraparesis - D/D (part) **(W-15)**

9. Guillian Barre Syndrome*** - define, investigations, treatment; etiology, c/f**, management**
(S-15)(S-14)(S-07)(W-04) (Pg. 1140)
10. GTCS - c/f, investigation, treatment **(W-14)** (Pg. 1099)
11. Brain Abscess - etiology, c/f **(W-13)** (Pg. 1124)
12. Non-Compressive Myelopathy - causes; Describe various Tracts in Spinal Cord and Localization of Paraplegia **(S-12)**
13. Epilepsy - etiopathogenesis, classification, management; Status Epilepticus - management **(S-11)** (Pg. 1097)
14. Compressive Myelopathy - causes; Paraplegia - clinical approach; Localization of Lesion in Spinal Cord **(W-09)**
15. Cerebellar Disorders - neurological signs **(S-08)**
16. Acute Onset Paraplegia* - causes*; Paraplegia - causes (part) **(S-07)(W-05)(S-03)**
17. Amyotrophic Lateral Sclerosis - etiopathogenesis, c/f, D/D, management **(W-06)** (Pg. 1116)
18. Acute Infective Polyneuritis - define, investigations, treatment **(S-05)**

Stroke Medicine

SAQ

1. Acute Thrombotic Cerebrovascular Episode - RF **(W-19)** (Pg. 1153)
2. Transient Ischemic Attack* **(S-17)(W-10)** (Pg. 1156)
3. Lacunar Infarct **(S-05)** (Pg. 1153)
4. Subarachnoid Haemorrhage - management **(W-09)** (Pg. 1160)

LAQ

1. Stroke - define, types; Acute* [Ischemic* (Thromboembolic) Stroke]* - management**; causes, c/f**; etiopathogenesis **(W-12)(W-11)(W-08)(W-07)**
2. Hemiplegia - etiology, c/f, management **(S-12)**
3. Cerebrovascular Accidents - RF (part) **(W-08)**
4. Subarachnoid Haemorrhage* - c/f*, investigations, management*; causes **(S-06)(W-02)** (Pg. 1160)
5. Acute Cerebral Embolism - causes, c/f, management **(S-04)**
6. Acute Focal Stroke - define; Stroke - RF; Completed Stroke due to Cerebral Infarction - management **(W-03)**
7. Circle of Willis - diagram **(W-02)**

Psychiatry

SAQ

1. Anorexia Nervosa**** **(W-19)(W-18)(W-16)(S-12)(W-05)** (Pg. 1203)
2. Serotonin Syndrome **(W-19)** (Pg. 1199)
3. Schizophrenia*** - c/f, management **(S-19)(W-14)(S-12)(W-02)** (Pg. 1196)
4. Anxiety Disorders - somatic symptoms; Anxiety Neurosis* **(S-18)(S-11)(W-08)(S-08)** (Pg. 1186)
5. Hypochondriasis **(W-17)** (Pg. 1202)
6. Bipolar Disorder* **(S-17)(S-06)** (Pg. 1199)
7. Major Depression*; Chronic Depression; Manic Depressive Psychosis; Depressive Disorders - c/f; symptoms, drug management **(S-16)(S-13)(W-09)(W-07)(S-03)** (Pg. 1198)
8. Phobias* **(W-15)(S-04)** (Pg. 1200)
9. Electroconvulsive Therapy***** - indications **(S-15)(S-14)(W-10)(S-09)(W-06)(W-03)** (Pg. 1190)
10. Schizophrenic Paranoid **(S-15)** (Pg. 1196)
11. Panic Disorders **(S-13)** (Pg. 1200)
12. Obsessive Compulsive Disorder **(W-11)** (Pg. 1201)
13. Alcohol Dependence **(S-10)** (Pg. 1194)
14. Insomnia **(S-08)**
15. Wernicke-Korsakoff Syndrome **(S-07)** (Pg. 1195)
16. Selective Serotonin Reuptake Inhibitors (SSRI) **(S-07)** (Pg. 1199)
17. Hysteria* **(W-05)(W-04)**
18. Hysterical Conversion Reactions **(S-05)**
19. Dissociative Disorder - define, management **(S-03)**
20. Bulimia Nervosa **(W-02)** (Pg. 1204)

LAQ

1. What is Thiamine; Wernicke's Encephalopathy and Korsakoff's Psychosis - describe, management **(W-06)**

Dermatology

SAQ

1. Scabies*** - treatment **(S-20)(S-16)(W-08)(W-03)** (Pg. 1241)
2. Pemphigus Vulgaris **(W-19)** (Pg. 1256)
3. Psoriasis***** - c/f; management **(S-19)(S-18)(W-16)(S-13)(W-09)(S-06)(W-05)(S-03)** (Pg. 1247)
4. Stevens Johnson Syndrome**** **(W-17)(S-14)(W-12)(W-10)(S-03)**
5. Lichen Planus **(S-15)** (Pg. 1252)
6. Acne Vulgaris* **(W-14)(S-14)** (Pg. 1241)
7. Genital Warts **(S-12)** (Pg. 342, 1238)
8. Taenia Corporis **(S-11)** (Pg. 1240)
9. Ring Worm **(S-08)** (Pg. 1239)
10. Tuberous Sclerosis **(W-06)** (Pg. 1264)
11. Pityriasis Rosea **(W-06)** (Pg. 1251)
12. Bullous Skin Lesions **(W-04)** (Pg. 1254)
13. Molluscum Contagiosum **(W-03)** (Pg. 1239, 343)
14. Eczema - classification; Atopic Eczema - diagnostic criteria **(W-03)**
15. Nail in Systemic and in some common Skin Diseases **(W-02)** (Pg. 1260)

Drugs

1. Newer Drugs in Leprosy **(W-19)** (Pg. 269)
2. Newer Anti-Epileptic Drugs **(S-19)** (Pg. 1102)
3. MDR TB*** - treatment**/drugs **(S-19)(S-17)(W-04)(W-02)** (Pg. 595)
4. Rituximab **(W-18)** (Pg. 1006)
5. Clindamycin **(W-15)**
6. Pyridostigmine **(W-15)** (Pg. 1143)
7. Methotrexate **(W-14)**
8. Loop Diuretics **(S-13)** (Pg. 354)
9. Gabapentin* **(S-13)(S-05)**
10. Oseltamivir **(W-10)** (Pg. 127)
11. Selective Serotonin Reuptake Inhibitors (SSRI) **(S-07)** (Pg. 1199)
12. Lithium **(W-06)**
13. Tuberculosis - chemoprophylaxis **(W-06)**
14. Newer Anti-TB Drugs **(S-05)**
15. Systemic Corticosteroid Therapy - s/e **(W-03)**

Untitled

SAQ

1. Antioxidants **(S-18)**
2. Stem Cell Therapy **(W-17)** (Pg. 914)
3. Renal Hormones **(S-17)**
4. Alcohol - toxicity on nervous system **(S-17)**
5. Down's Syndrome* - neurological features **(W-16)(S-13)**
6. Hypercarbia **(S-16)**
7. Electric Shock **(W-15)**
8. Neurodermatitis **(W-15)**
9. Bioterrorism **(W-13)** (Pg. 111)
10. Hyperpyrexia **(S-11)**
11. Polymerase Chain Reaction **(W-10)** (Pg. 53)
12. Oxygen Therapy **(W-10)**
13. Alcohol Withdrawal Delirium **(S-07)** (Pg. 1194, 183)
14. Lathyrism - define, stages, preventive measures **(W-03)**
15. Pickwickian Syndrome **(S-03)**

| Paper | Section | Topics |
|-------|---------|---|
| I | A | MCQs on all topics of paper I of Surgery |
| | B | Metabolic response to injury, Shock, Blood and blood components, Burns, wound healing and wound care, Surgical infections, Surgical Audit and Research, Nutrition and fluid therapy, Transplantation, Biohazard disposal, Trauma, Skin and subcutaneous tissue, Developmental anomalies of face, mouth and jaws, Oropharyngeal cancer, Disorders of salivary glands, Endocrine General Surgery: Thyroid and parathyroid, Adrenal glands, Breast, Vascular diseases, Ethics & AETCOM (module 4.3,4.5,4.6) |
| | C | Abdomen- including Hernia, Peritoneum, GIT tract including oesophagus, stomach, small intestine, colon rectum and anal canal, Liver, Spleen, Pancreas, Biliary tract, Minimally invasive Surgery, Paediatric surgery |
| II | A | MCQs on all topics of the paper II including orthopaedics, anaesthesia, radiology, radiotherapy and dentistry. |
| | B | Cardio-thoracic - Chest - Heart and Lung, Urinary System- Kidney ureter and urinary bladder, Penis, Testis and scrotum, Plastic surgery, Oncology, Investigation of surgical patient, Pre, intra and post- operative management Radiology, Radiotherapy, Anaesthesia and pain management, Dentistry |
| | C | Orthopaedics |

Surgery – I

Wounds and Wound Healing

SAQ

1. Factors affecting*/delaying* Wound Healing **(W-18)(W-12)(S-10)(S-04)** (Pg. 7)
2. Normal Wound Healing - phases **(S-18)** (Pg. 6)
3. Crush Syndrome **(W-13)** (Pg. 11)
4. Keloid **(S-11)** (Pg. 12)
5. Scar & Keloid - differences* **(W-08)(W-04)** (Pg. 14)
6. Keloid and Hypertrophic Scar - differences **(S-03)** (Pg. 14)

LAQ

1. Wound Healing - stages, factors influencing **(S-15)** (Pg. 7)
2. Wounds - classify; Wound Healing - types, factors affecting **(W-05)**

Ulcer

LAQ

1. Non-Healing Ulcer - etiology, c/f, management **(S-14)** (Pg. 16)

Infectious Diseases

SAQ

1. Surgical Site Infection **(S-17)** (Pg. 62)
2. Gas Gangrene* - c/f **(W-12)(S-09)** (Pg. 50)
3. Carbuncle* **(S-12)(W-06)** (Pg. 45)
4. HIV Infection - universal precautions **(W-10)** (Pg. 67)

LAQ

1. Gas Gangrene* of LL - etiology*, c/f, diagnosis, management*; pathology **(W-16)(W-06)** (Pg. 50)
2. Surgical Wound Infection - RF; Surgical Wound - methods and procedures to minimize Wound Sepsis **(W-02)** (Pg. 63)

Swellings

SAQ

1. Dermoid Cyst** **(W-19)(W-17)(W-06)** (Pg. 72)
2. Lipoma* **(S-08)(W-06)** (Pg. 68)
3. Epidermal Cyst **(S-18)** (Pg. 77)

Electrolyte and Nutrition

SAQ

1. Percutaneous Endoscopic Gastrostomy **(S-16)** (Pg. 97)
2. TPN* - complications* **(S-15)(S-14)** (Pg. 98)
3. Assessment of Nutritional Status **(W-10)**
4. Metabolic Alkalosis **(S-10)** (Pg. 90)
5. Hypokalemia **(S-09)** (Pg. 89)
6. Enteral Nutrition **(W-03) (W-11)** (Pg. 96)

Shock

SAQ

1. Systemic Inflammatory Response Syndrome (SIRS) **(W-18)** (Pg. 111)
2. Hypovolumic Shock **(S-17)** (Pg. 106)
3. Septic Shock - types **(S-14)**
4. Shock - define, types **(W-05)**

LAQ

1. Shock***** - define***** , classify** ; pathophysiology ; types** ; c/f (part) **(S-20)(W-18)(S-18)(W-06)(S-06) (W-04)(S-03)**
2. Septic Shock** - etiopathology/causes, c/f* , management** **(S-20)(W-18)(W-09)** (Pg. 107)
3. Severe Sepsis - supportive therapeutic options **(S-18)**
4. Hypovolumic Shock* - management* ; c/f **(W-06)(W-04)**

Hemorrhage and Blood Transfusion

SAQ

1. Disseminated Intravascular Coagulation **(W-19)** (Pg. 120)
2. Blood Transfusion Reactions; Blood Transfusion**** - complications*** **(W-18)(S-14)(S-12)(W-07) (W-04)(W-03)** (Pg. 118)
3. Blood Substitutes **(W-17)** (Pg. 119)
4. Haemostasis - methods **(S-15)(W-10)**

5. Haemorrhage** - types**; Haemorrhagic Shock - treatment **(S-07)(W-05)(W-02)** (Pg. 113)
6. Methods to Control External Haemorrhage **(W-05)**

LAQ

1. Blood Transfusion* - indications*, complications*, Blood Components* - list* **(W-08)(S-04)**
2. Haemorrhagic Shock* - classify; principles of treatment (part) **(W-12)(S-06)** (Pg. 115)

Burns

SAQ

1. Fluid Management in Burns **(W-19)** (Pg. 127)
2. 50% Burns Patient weighing 60 kg - fluid calculation **(S-17)**
3. Neck Burns Contracture - management **(S-19)** (Pg. 129)
4. Deep Burns - surgical management **(S-06)** (Pg. 126)

LAQ

1. Burns***** - classify*, types*; pathophysiology** (part) (Pg. 122) **(S-19)(W-17)(S-16)(W-08)(W-07)(S-07)**
2. 70% Deep Thermal Burns in 50 kg male patient - pathophysiology, management **(S-19)**
3. 30% Deep Burns - initial resuscitation, management **(W-17)**
4. 50% Superficial Thermal Burns - c/f, investigations, management **(S-16)**
5. 60% Burns in 50 kg adult male/female - early management; management upto 1 week **(W-08)(S-03)**
6. 15% Deep Burns in 35 y/o male - management **(W-07)**
7. 30% Burns - management **(S-07)**

Trauma

SAQ

1. ABCD in Polytrauma **(W-19)** (Pg. 133)
2. Damage Control Surgery **(S-18)** (Pg. 136)

LAQ

1. Blunt Trauma Abdomen - mechanism, pathophysiology; 27 y/o - h/o injury to abdomen 1 hour back due to turning turtle of auto rickshaw - BP = 90/60 mm Hg - PR = 120/min - management **(W-13)**
2. Shock due to Blunt Trauma resulting in Liver Injury - management **(W-12)** (Pg. 149 SRB 5th Edition)
3. A man falls off train - brought to casualty in unconscious state - management **(S-12)**
4. Polytrauma - parameters of emergency assessment (part) **(W-03)**

Hand and Foot

SAQ

1. Collar Stud Abscess* **(W-13)(S-10)** (Pg. 150, 432)

Arterial Diseases

SAQ

1. Raynaud's Phenomenon (Pg. 176) **(S-20)**
2. Acute Lower Limb Ischemia due to Embolus in Femoral Artery - management **(S-16)** (Pg. 185)
3. Dry Gangrene **(W-07)** (Pg. 199)
4. Gangrene - causes; Wet & Dry Gangrene - difference **(S-07)**
5. Intermittent Claudication* - define; Ischemic Lower Extremity - signs **(S-06)(W-05)** (Pg. 162)

LAQ

1. Gangrene** - define**, causes; types* (part) **(W-16)(W-15)(S-08)** (Pg. 199)
2. Buerger's Disease/Thromboangitis Obliterans* (TAO) - c/f*, investigations, treatment*; define, investigate, treat a patient of TAO with Rest Pain **(W-15)(W-14)(S-08)** (Pg. 172)
3. Peripheral Arterial Diseases - causes; Dry & Wet Gangrene - differentiate; PAD with Forefoot Dry Gangrene - management **(W-12)**

Vascular Lesions

SAQ

1. Hamartoma **(W-06)** (Pg. 213)

Venous Diseases

SAQ

1. Varicose Ulcer**; Venous Ulcer - management **(S-16)(S-15)(W-14)(S-12)** (Pg. 232)
2. Phlegmasia Cerulea Dolens **(W-13)** (Pg. 217)
3. Deep Vein Thrombosis** - c/f*; management **(W-11)(S-08)(W-07)** (Pg. 216)
4. Varicose Veins - clinical tests & their interpretation **(W-03)** (Pg. 223)
5. Brodie-Trendelenberg Test - describe, inference **(W-02)**

LAQ

1. Superficial Venous System of Lower Limbs; Veins of LL* - surgical anatomy**; Varicose Veins*** of LL - pathophysiology*, management***; c/f*; etiology **(S-19)(S-11)(W-10)(S-09)** (Pg. 215, 219)

2. Venous Drainage of Lower Limb - surgical physiology; Long Saphenous Vein Varicosities - etiopathogenesis, c/f, management **(S-10)**
3. Leg Ulcers - causes; Varicose Ulcers - treatment **(S-03)** (Pg. 234)

Lymphatics

SAQ

1. Lymphoedema* - management **(S-19)(S-14)** (Pg. 241)

LAQ

1. Unilateral Limb Oedema - causes; Filariasis Limb - surgical management **(S-13)** (Pg. 242)

Neoplasm

SAQ

1. Tumor Markers **(W-11)** (Pg. 274)
2. Carcinoma In Situ **(S-04)**

Hand and Foot

SAQ

1. Ingrowing Toe Nail **(S-20)** (Pg. 159)
2. Acute Suppurative Tenosynovitis **(S-05)** (Pg. 153)

Skin Tumors

SAQ

1. Dermatofibrosarcoma Protuberans **(W-16)** (Pg. 279)
2. Marjolin's Ulcer* **(W-09)(S-09)** (Pg. 283)
3. Malignant Melanoma **(W-06)** (Pg. 287)
4. Rodent Ulcer **(S-13)** (Pg. 284)

Amputations

SAQ

1. Below Knee Amputations **(W-11)** (Pg. 311)

Reconstruction

SAQ

1. Partial & Full Thickness Skin Graft - distinguish **(S-06)** (Pg. 317)
2. Skin Grafting*** - indications, types **(W-19)(S-17)(W-16)(S-08)** (Pg. 316)
3. Myocutaneous Flaps **(W-18)** (Pg. 320)
4. Flaps* - types*; indications **(S-15)(W-02)** (Pg. 319)
5. Split Thickness/Thiersch's Skin Graft **(S-14)(W-08)** (Pg. 316)
6. Partial & Full Thickness Skin Grafts - differences **(S-04)**

Transplantation

SAQ

1. Immunosuppressive Agents **(W-16)** (Pg. 329)

Faciomaxillary Diseases

SAQ

1. Cleft Lip* & Cleft Palate - classify **(S-17)(S-14)** (Pg. 339)
2. Dentigerous Cyst*** **(W-19)(W-18)(S-17)(W-10)** (Pg. 352)
3. Adamantinoma* **(W-16)(W-03)** (Pg. 351)
4. Cleft Lip*** **(S-16)(S-15)(W-10)(W-07)** (Pg. 338)
5. Epulis***** **(S-15)(S-14)(W-13)(W-11)(S-11)(S-08)(W-05)** (Pg. 350)
6. Dental Cyst **(W-14)** (Pg. 352)
7. Cleft Palate* **(S-11)(W-07)** (Pg. 338)
8. Pericoronitis - c/f, treatment **(S-05)**
9. Dental & Dentigerous Cyst - difference **(W-03)**

Oral Cavity

SAQ

1. Ca Tongue* - TNM Staging; c/f **(W-19)(W-05)** (Pg. 366)
2. Leukoplakia of Oral Mucosa **(W-15)** (Pg. 359)
3. Plunging [Ranula]* **(W-14)(W-09)** (Pg. 356)
4. Submucous Fibrosis (Oral) **(S-11)** (Pg. 360)
5. Pre-Malignant Lesions of Oral Mucosa **(S-06)**
6. Oral Cancers - RF **(W-02)** (Pg. 364)

LAQ

1. Carcinoma of Oral Cavity - describe pre-cancerous conditions; Ca Anterior $\frac{2}{3}$ Tongue - c/f, management **(S-09)**

Salivary Glands

SAQ

1. Warthin's Tumor* **(S-19)(W-17)** (Pg. 403)
2. Pleomorphic Adenoma*** **(S-12)(S-10)(W-09)(W-07)** (Pg. 401)
3. Benign Parotid Tumors **(W-11)**

LAQ

1. Parotid Gland - surgical anatomy* (part) (Pg. 392) **(S-20)(S-17)**
2. Parotid Tumors* - etiopathology, classification*; Pleomorphic Adenoma* of Parotid Gland - management* (Pg. 401); Carcinoma of Parotid Gland - management **(S-20)(S-17)(W-15)**
3. Salivary Gland Tumors - classify (part) (Pg. 400) **(W-15)**

Neck

SAQ

1. Branchial Cyst** & Branchial Fistula **(S-20)(S-18)(W-09)** (Pg. 419)
2. Thoracic Outlet Syndrome **(S-18)** (Pg. 427)
3. Modified Radical Neck Dissection **(S-13)** (Pg. 440)
4. Cystic Hygroma* - pathogenesis, treatment **(S-11)(S-03)** (Pg. 424)
5. Cervical Rib* **(W-10)(W-07)** (Pg. 416)
6. Cold Abscess* in Neck - management **(S-07)(S-05)** (Pg. 434)
7. Tuberculous Lymphadenitis - sequelae **(S-04)** (Pg. 431)

Thyroid

SAQ

1. Hashimoto's Thyroiditis* **(S-20)(W-14)** (Pg. 478)
2. Thyroid Function Test **(S-19)** (Pg. 449)
3. Solitary Thyroid Nodule** - investigations **(S-18)(S-11)(W-04)** (Pg. 454)
4. Lateral Aberrant Thyroid **(W-17)** (Pg. 448)
5. Thyrotoxicosis** - Eye Signs*; management **(S-17)(W-15)(S-03)** (Pg. 461)
6. Thyroid Surgery/Thyroidectomy - postoperative complications* **(W-16)(S-07)** (Pg. 483)
7. Thyroglossal Cyst**** & Thyroglossal Fistula - management **(W-15)(S-15)(S-09)(W-08)(S-05)** (Pg. 447)
8. Multinodular Goitre **(W-13)** (Pg. 451)
9. Goitre - classification **(W-12)** (Pg. 450)
10. DeQuervain's Thyroiditis **(S-10)** (Pg. 478)
11. Thyroid - surgical anatomy **(W-08)** (Pg. 443)
12. Thyroid Storm **(S-04)** (Pg. 483)
13. Primary Hyperthyroidism **(S-18)** (Pg. 460)

LAQ

1. Midline Neck Swelling - D/D; Graves' Disease* - c/f*, management*; etiology, investigations **(W-19)(S-08)** (Pg. 458)
2. Goitre* - classify; define (part) **(W-18)(W-02)**
3. Papillary Carcinoma of Thyroid* - etiology, c/f*, diagnosis, management*; Thyroid Gland Neoplasm/Thyroid Malignancies - describe; classify*; Papillary & Follicular Carcinoma - difference; Differentiated Thyroid Carcinomas - c/f, management **(W-18)(S-14)(W-09)(W-09)(S-04)** (Pg. 450, 468)
4. Thyroid Gland - surgical anatomy; 60 y/o lady with Multinodular Goitre - investigation, management **(S-16)** (Pg. 441, 451)
5. Thyrotoxicosis*** - c/f**, treatment*; types, medical & surgical treatment*; define, causes, investigations* **(S-12)(W-11)(S-06)(S-05)** (Pg. 458)
6. Non-Toxic Multinodular Goitre* - pathogenesis*, c/f*, investigations*, complications* **(W-05)(W-02)**

Parathyroids and Adrenals

SAQ

1. Multiple Endocrine Neoplasia - II (MEN-II) **(S-13)** (Pg. 496)
2. Hyperparathyroidism - c/f **(S-08)** (Pg. 491)

Breast

SAQ

1. Cystosarcoma Phyllodes** - c/f, management **(S-20)(S-09)(S-06)** (Pg. 512)
2. Fibroadenoma* Breast **(S-19)(S-16)** (Pg. 508)
3. Carcinoma Breast*** - chemotherapy; routes of spread; etiological factors; methods of screening **(W-18)(W-08)(W-05)(W-02)** (Pg. 546)
4. Nipple Discharge; Blood Stained Nipple Discharge - causes, investigations **(W-16)(S-03)** (Pg. 556)
5. Triple Test in Ca Breast **(W-15)** (Pg. 538)
6. Locally Advanced Breast Carcinoma* - management* **(S-13)(S-07)** (Pg. 548)
7. Giant Fibroadenoma **(S-13)**
8. Gynaecomastia **(S-08)** (Pg. 519)
9. Patey's Mastectomy - structures removed **(W-05)** (Pg. 538)
10. Inflammatory Carcinoma of Breast **(W-04)** (Pg. 525)
11. Phyllodes Tumor of Breast **(S-18)** (Pg. 512)
12. Mammography **(S-13)** (Pg. 507)
13. Breast Reconstruction **(W-11)** (Pg. 552)

LAQ

1. Carcinoma Breast*** - c/f, management; predisposing factors, investigations; pathological types, spread, role of conservative breast surgery; clinical staging **(W-19)(W-14)(S-11)(W-10)** (Pg. 522)
2. Breast** - surgical anatomy** with figures (part) **(S-18)(S-10)(W-04)**
3. Locally Advanced*** Carcinoma of Breast - management*** **(S-18)(S-17)(W-13)(S-05)** (Pg. 548)
4. Benign Breast Diseases** - classify; discuss; clinical presentations, management*; etiology, pathogenesis, c/f **(W-17)(W-14)(S-10)**
5. Malignant Breast Tumors - classification, etiology **(S-17)**
6. Triple Assessment - define (part) **(S-15)**
7. Early** Carcinoma of Breast** in 32 y/o lady - management** **(S-15)(W-11)(W-10)**
8. Cancer Breast - current histopathological nomenclature, characteristic of each one (part) **(W-13)**
9. Operable Breast Cancer - define; T2N1M0 Breast Cancer - management **(W-07)**
10. Lymphatic Drainage of Breast (part) **(S-05)**
11. Carcinoma Breast Stage II* - c/f, management* **(W-04)(W-03)**
12. 4 cm Lump in Upper-Outer Quadrant of Breast of 55 y/o female - D/D **(W-03)**

GIT

Peritoneum

SAQ

1. Mesenteric Cyst** (**S-20**)(**S-16**)(**S-13**) (Pg. 569)

LAQ

1. Perforation Peritonitis - etiology, c/f, management (**W-04**)

Abdominal Tuberculosis

SAQ

1. Ileocaecal Tuberculosis (**W-17**) (Pg. 574)
2. Koch's Abdomen - c/f (**W-03**) (Pg. 574)

LAQ

1. Ileocaecal Tuberculosis - c/f, investigations, treatment (**W-13**) (Pg. 574)
2. Abdominal Tuberculosis - c/f, investigations, treatment (**W-11**) (Pg. 573)
3. Intestinal Tuberculosis - c/f, investigations, treatment (**S-04**)

Liver

SAQ

1. Budd Chiari Syndrome (**W-18**) (Pg. 619)
2. Amoebic Liver Abscess*** (**S-16**)(**W-13**)(**S-12**)(**W-08**) (Pg. 589)
3. Hydatid Cyst in Liver** - management; causative parasites, layers (**S-15**)(**W-09**)(**S-03**) (Pg. 595)
4. Surgical Jaundice - causes (**W-13**) (Pg. 646)
5. Liver Abscess - management (**S-13**) (Pg. 591)
6. Oesophageal Varices** - methods of controlling*; Acute Oesophageal Variceal Bleeding - emergency management (**S-12**)(**S-10**)(**S-05**)(**W-03**) (Pg. 610)
7. Echinococcus Granulosus - life cycle (**S-07**)

LAQ

1. Chronic alcoholic patient comes to casualty with haematemesis - Bleeding Oesophageal Varices - investigation, management (Pg. 611) **(S-20)**
2. Echinococcus Granulosus - life cycle; Liver Hydatid Cyst* - C/F*, management*, complications* **(W-19)(S-17)** (Pg. 595)
3. Solitary Lesion in Liver - D/D; 50 y/o shepherd - right hypochondriac lump - investigations, management **(S-14)**
4. Liver - surgical anatomy including Couinaud's Segments; Liver Tumors - classify; Malignancy of Liver - management **(W-11)** (Pg. 584, 599)
5. Amoebic Liver Abscess* - etiology*, c/f*, management*; Abscesses in Liver - causes **(S-11)(S-07)** (Pg. 589)
6. Massive Haematemesis in Shock due to Oesophageal Varices - management **(W-10)** (Pg. 612)
7. Bleeding Oesophageal Varices - c/f, investigations, treatment **(W-06)**
8. Portal Hypertension - causes; Hepatic Pre-Coma - c/f, investigations, treatment **(S-06)** (Pg. 607, 620)

Gallbladder

SAQ

1. Choledocholithiasis*/Biliary Stones/Common Bile Duct Stones - management* **(S-20)(S-18)(W-16)(S-08)** (Pg. 642)
2. Gall Stone Ileus - c/f, management **(S-19)** (Pg. 640)
3. ERCP* (Endoscopic Retrograde Cholangiopancreatography) **(W-14)(S-10)** (Pg. 625)
4. Choledochal Cyst** - define, types (only diagrams) **(W-14)(S-13)(S-06)** (Pg. 628)
5. Cholelithiasis* - etiopathology **(S-14)(S-11)** (Pg. 631)
6. T-Tube Cholangiography **(W-13)** (Pg. 627)
7. Extrahepatic Biliary Atresia **(W-13)** (Pg. 630)
8. Clay Coloured Stools **(W-12)**
9. Graham-Cole Test **(W-09)**
10. Gallstones*** - complications**; types; Jaundice - preoperative preparation **(W-09)(S-09)(S-07)(S-06)**
11. Obstructive Jaundice - investigations **(W-08)** (Pg. 646)
12. Intra-operative Cholangiogram while performing Cholecystectomy - indications **(S-06)**
13. Empyema Gallbladder **(W-05)** (Pg. 638)
14. Ultrasonography in Cholecystitis (Acute & Chronic) **(W-02)**

LAQ

1. Obstructive Jaundice**/Surgical Jaundice** - define; causes*****, investigations**; Obstructive Jaundice due to Common Bile Duct Stones - management; Common Bile Duct Calculi** - treatment**; 1 cm Calculus in Common Bile Duct - management; Choledocholithiasis - management **(W-17)(W-14)(W-12)(S-10)(S-05)(S-04)(S-03)** (Pg. 646, 642)
2. Gallstones*** - pathophysiology; etiopathology, c/f, complications**, management; causes, effects **(W-15)(W-10)(W-12)(W-07)**
3. Acute Calculous Cholecystitis*** in 60 y/o Diabetic - management***; c/f***; etiopathology, complications **(W-15)(S-15)(S-12)(W-07)** (Pg. 635)
4. Congenital Anomalies of Biliary Tree - enumerate; Choledochal Cyst - management **(W-03)**

Spleen

SAQ

1. Elective [Splenectomy*****] - indications****; complications*; Blood Disorders treated by Splenectomy **(W-17)(W-16)(S-16)(W-07)(W-06)(W-04)(S-04)(S-03)** (Pg. 668, 669)
2. Splenomegaly - causes **(S-14)** (Pg. 665)
3. Spleen - surgical anatomy **(W-09)** (Pg. 660)
4. Splenic Injuries - c/f, management **(S-05)**

LAQ

1. Splenic Rupture - c/f, investigations, management **(S-08)** (Pg. 661)

Pancreas

SAQ

1. Acute Pancreatitis**** - complications***; etiology **(W-19)(S-17)(W-11)(W-08)(W-05)** (Pg. 681)
2. Pseudocyst of Pancreas***** - management** **(W-18)(S-18)(W-17)(W-15)(W-12)(S-11)(S-09)(S-08)(S-05)** (Pg. 682)
3. Insulinoma **(S-14)** (Pg. 702)
4. Zollinger-Ellison Syndrome **(W-10)** (Pg. 704)

LAQ

1. Obstructive Jaundice due to Ca Head of Pancreas - c/f, investigations, management **(W-18)** (Pg. 695)
2. 35 y/o male - chronic alcoholic - acute onset upper abdominal pain and vomiting - ultrasound examination shows bulky, edematous Pancreas - management **(S-15)** (Pg. 675)
3. Acute Pancreatitis*** - etiopathogenesis*, management*; c/f, complications; causes*; Mild & Severe Pancreatitis - differentiate **(W-14)(W-09)(W-04)(W-02)** (Pg. 675)
4. Chronic Pancreatitis - etiology, RF, investigations, c/f, treatment **(S-13)** (Pg. 685)
5. Pseudocyst of Pancreas* - management* (part) **(W-04)(W-02)**

Abdominal Wall and Umbilicus

SAQ

1. Vitellointestinal Duct** - anomalies*; developmental anomalies **(W-19)(S-17)(S-10)** (Pg. 730)
2. Omphalocele **(W-18)** (Pg. 735)
3. Umbilical Granuloma **(W-15)** (Pg. 729)
4. Congenital Anomalies of the Umbilicus - enumerate **(S-03)**

Hernia

SAQ

1. Femoral Hernia **(S-18)** (Pg. 763)
2. Congenital Diaphragmatic Hernia **(W-16)**
3. Epigastric Hernia* **(S-16)(S-09)** (Pg. 771)
4. Obstructed Inguinal Hernia - c/f **(S-15)**
5. Congenital Hernia **(S-09)**
6. Strangulated Hernia* - c/f, management*; difference from routine treatment of Hernia **(S-08)(W-02)**
7. Inguinal Defence Mechanisms for Prevention of Hernia **(S-07)** (Pg. 744)
8. Richter's Hernia* **(W-06)(W-04)** (Pg. 773)
9. Internal Ring Occlusion Test in Inguinal Hernia - describe, enumerate pitfalls of false positive test **(S-06)** (Pg. 747)
10. Incisional Hernia - factors leading to formation, types of repair **(S-06)**
11. Paraumbilical Hernia in adult - c/f, treatment **(W-02)** (Pg. 770)

LAQ

1. Anterior Abdominal Wall - anatomy; Incisional Hernia - methods of repair **(W-18)** (Pg. 768)
1. Inguinal Canal - surgical anatomy; Inguinal Hernia - etiology, types, c/f; Strangulated Inguinal Hernia - management **(W-07)** (Pg. 743, 740, 761)

Oesophagus

SAQ

1. Achalasia Cardia**** - treatment modalities **(S-20)(W-18)(W-17)(W-09)(S-06)** (Pg. 788)
2. Carcinoma Oesophagus - management **(S-19)** (Pg. 795)
3. T.O. Fistula* - management in adult; Congenital Tracheo-Oesophageal Fistula - types **(S-19)(S-09)(S-04)** (Pg. 793)
4. Mallory-Weiss Syndrome - investigations, management **(S-19)** (Pg. 743)
5. Oesophageal Atresia **(W-06)**
6. Dysphagia* - oesophageal [causes]* (part) **(S-06)(S-04)**

LAQ

1. Oesophagus* - surgical anatomy* (part) **(S-16)(S-08)** (Pg. 776)
2. Achalasia Cardia - c/f, management **(S-16)** (Pg. 788)
3. Dysphagia*** - causes**; D/D in 65 y/o man (part) **(W-13)(W-08)(S-08)(S-07)** (Pg. 778)
4. Carcinoma Oesophagus** involving Lower Third* - c/f**, management***; investigations; etiology **(W-13)(W-08)(S-08)(S-07)**

Stomach

SAQ

1. Flexible GI Scopy* **(W-19)(S-17)** (Pg. 808)
2. H. Pylori **(W-17)** (Pg. 810)
3. Congenital/Infantile Hypertrophic Pyloric Stenosis*** - c/f*, surgical treatment; treatment **(W-14)(W-11)(S-04)(W-02)** (Pg. 811)
4. Perforated Peptic Ulcer - treatment **(S-12)** (Pg. 823)
5. Lymphatic Drainage of Stomach - diagram **(W-11)** (Pg. 806)
6. Bleeding Peptic Ulcer - management **(S-11)** (Pg. 824)
7. Zollinger-Ellison Syndrome **(W-10)** (Pg. 704)
8. Peptic Ulcer Surgery* - sequelae* **(W-10)(S-10)** (Pg. 828)
9. Trichobezoar **(W-07)** (Pg. 831)
10. Peptic Ulceration - complications **(W-06)** (Pg. 815, 816)
11. Carcinoma Stomach** - investigations; RF, investigations; surgical treatment **(W-05)(S-05)(W-03)** (Pg. 842)
12. Haematemesis* - causes* **(W-04)(W-02)** (Pg. 827)
13. Gastrojejunostomy - late complications **(W-03)** (Pg. 850)
14. Chronic Duodenal Ulcer - complications, operations to treat the complications **(S-03)**

LAQ

1. Carcinoma Stomach*** in 50 y/o Alcoholic Male Patient; involving Antrum - etiopathology, c/f*, management***; etiopathogenesis*, staging; investigations* **(W-17)(W-16)(S-14)(S-10)** (Pg. 835)
2. Gastric Outlet Obstruction - causes (part) **(S-14)**
3. Haematemesis* - causes* (part) **(W-10)(W-06)** (Pg. 827)
4. Stomach - anatomy, blood supply, lymphatic drainage (part) **(S-10)**
5. Chronic Peptic Ulcer* - complications*; Perforated Duodenal/Peptic Ulcer - pathology*, c/f*, management* **(S-09)(W-05)** (Pg. 821)
6. Carcinoma Stomach - etiology, c/f, diagnosis, management **(W-16)** (Pg. 835)
7. CHPS **(W-12)** (Pg. 811)

Small Intestine

SAQ

1. Meckel's Diverticulum***** **(S-18)(W-15)(S-12)(S-11)(W-08)(W-07)(S-07)** (Pg. 853)
2. Surgical Complications of Typhoid **(S-08)** (Pg. 858)

Large Intestine

SAQ

1. Diverticulitis (Pg. 880) **(S-20)**
2. Colostomy* **(W-14)(W-12)** (Pg. 901)
3. Amoeboma **(W-14)**
4. Targeted Chemotherapy for Colonic Malignancy **(S-13)** (Pg-899)
5. Hirschsprung Disease **(S-14)** (Pg. 877)
6. Carcinoembryonic Antigen **(W-12)** (Pg. 897)
7. Carcinoma Colon - screening tests **(S-11)** (Pg. 896)

LAQ

1. Colon Cancer/Tumors - etiopathology; classification (part) **(W-19)(W-05)** (Pg. 892)
2. Ulcerative Colitis - etiology, pathology, c/f, management **(S-16)** (Pg. 883)
3. Sigmoid Colon Carcinoma - pathology, c/f, management **(S-12)** (Pg. 892)
4. Carcinoma of Caecum* - pathology*, c/f*, management*; etiology **(S-11)(W-09)** (Pg. 892)
5. Mass in Right Iliac Fossa - causes (part) **(W-09)**
6. Carcinoma (Rt) Colon* - pathology*, c/f*, investigations; treatment **(W-05)(W-02)**

Intestinal Obstruction

SAQ

1. Acute [Intussusception]** **(W-19)(S-17)(W-09)** (Pg. 919)
2. Sigmoid Volvulus* **(W-17)(W-10)** (Pg. 922)
3. Volvulus **(W-13)** (Pg. 922)
4. Acute Intestinal Obstruction - radiological features **(S-10)** (Pg. 912)

LAQ

1. Small Bowel Obstruction - causes; Intussusception in Children - investigations, management **(S-19)** (Pg. 908, 919)
2. Intestinal Obstruction*** - causes**; pathophysiology (part) **(W-13)(W-11)(W-08)(S-06)** (Pg. 908)
3. 60 y/o known case of Appendicular Abscess 10 years back - h/o 5 episodes of vomiting, abdominal distension, obstipation since 3 days - PR = 90/min - BP = 100/60 mm Hg - X-Ray showed Multiple Air Fluid Levels - diagnosis, management **(S-13)**
4. Sigmoid Volvulus - c/f, investigations, management **(W-08)**
5. Obstruction due to Volvulus of Small Intestine - pathophysiology, treatment **(S-06)**
6. Acute Intussusception* in an infant/child - c/f*, management*; etiopathology **(S-05)(S-03)**

Appendix

SAQ

1. Appendicular Carcinoid - management **(S-19)** (Pg. 939)
2. Acute* [Appendicitis]* - c/f*; D/D **(W-16)(S-15)(W-10)** (Pg. 930)
3. Appendicular Mass/Lump **(S-14)(W-06)** (Pg. 937)
4. Appendicular Abscess** - treatment **(W-05)(W-04)(S-04)** (Pg. 937)

LAQ

1. 20 year old male - fever, vomiting, pain in abdomen since one week - lump in right iliac fossa on clinical examination - investigations, management of Appendicular Lump **(S-18)** (Pg. 937)
2. Acute Appendicitis - etiopathogenesis, c/f, management **(S-16)** (Pg. 929)
3. 25 y/o married woman - sudden onset pain in right iliac fossa - causes, c/f, relevant investigations, treatment **(W-06)**

Rectum and Anal Canal

SAQ

1. Invertogram **(S-20)** (Pg. 957)
2. Internal Haemorrhoids (Pg. 961) **(S-20)**
3. Fistula-In-Ano***** - classification; etiology, treatment of Low Fistula-In-Ano **(W-19)(W-16)(S-15)(W-11)(W-10)(W-02)** (Pg. 971)
4. Chronic [Fissure-In-Ano]*** **(W-18)(W-15)(S-12)(S-09)(W-08)** (Pg. 967)
5. Imperforate Anus** **(S-18)(S-12)(W-07)** (Pg. 957?)
6. Goodsall's Rule* **(S-17)(W-07)** (Pg. 973)
7. Haemorrhoids*** (Third Degree) - treatment** **(S-16)(S-13)(S-06)(W-05)** (Pg. 963)
8. Anorectal Malformation - classification **(S-15)** (Pg. 957)
9. Ischiorectal Abscess **(W-14)** (Pg. 970)
10. Sentinel Tag **(W-13)** (Pg. 969)
11. Perianal Abscess **(W-12)** (Pg. 970)
12. Rectum - surgical anatomy **(S-12)** (Pg. 942)
13. Anal Canal* - surgical anatomy* **(S-10)(S-05)** (Pg. 943)
14. Pilonidal Sinus* - etiology, c/f, management **(S-07)(W-03)** (Pg. 958)
15. Carcinoma Rectum - treatment **(S-03)**
16. Malena - causes **(W-02)** (Pg. 980)

LAQ

1. Ca Rectum*** (Upper ⅓) - C/F***, management***; pathology*; staging **(W-19)(S-17)(W-12)(S-09)** (Pg. 946)
2. 50 year old male - altered bowel habits since 2 months, faecal occult blood test positive - investigations, management **(S-18)** (Pg. 980)
3. Bleeding Per Rectum*** - causes*** (part) **(S-17)(W-16)(S-12)(S-09)** (Pg. 980)
4. Rectum - surgical anatomy; Stage 1 Rectal Carcinoma 15 cm from Anal Verge - investigations, treatment **(W-15)** (Pg. 942, 947)

Neurosurgery (Paper 1/2?)

SAQ

1. Subdural Hematoma **(S-19)** (Pg. 1082)
2. Modified [Glasgow Coma Scale]***** - significance* **(W-18)(W-17)(W-15)(W-09)(S-05)(S-03)** (Pg. 1079)
3. Extradural Hematoma***** - diagnosis*, c/f**, investigations* **(W-16)(W-08)(S-05)(W-04)(W-02)** (Pg. 1081)
4. CT Scan for Head Injury **(W-14)** (Pg. 1077)
5. Lucid Interval **(W-12)** (Pg. 1081)
6. # Base of Skull - diagnostic signs **(S-08)** (Pg. 1085)
7. Meningomyelocele **(S-08)** (Pg. 1092)

LAQ

1. Head Injuries - classify; Subdural Hematoma - signs, symptoms, management **(S-13)** (Pg. 1082)
2. Head Injury - c/f, investigations, management **(S-07)**
3. Severe Head Injury - principles of initial management **(W-03)**

Untitled

SAQ

1. Antibiotic Prophylaxis **(W-11)**
2. Brainstem Death - clinical testing **(S-06)**
3. Name any three Pre-Malignant Conditions* **(W-05)(W-02)**
4. Cancer Screening Program - objectives, principles **(W-03)**

Orthopedics

1: Introduction

SAQ

1. Open Fracture - classification **(S-10)** (Pg. 2)

LAQ

1. Fracture** - define**, classify**; radiological patterns (part) **(S-18)(W-08)(W-05)** (Pg. 1)

2: Anatomy of Bone and Fracture Healing

SAQ

1. Fracture Healing* **(W-13)(W-04)** (Pg. 10)

LAQ

1. Fracture Healing* in tubular bone - stages, factors affecting **(W-08)(W-05)** (Pg. 11)

3: Treatment of Fractures: General Principles

SAQ

1. Compound Fracture/Open Fracture - primary management **(S-19)(S-09)** (Pg. 21, 2)
2. Conservative Management of Fractures **(W-11)**
3. Rehabilitation - role in fracture treatment **(S-05)** (Pg. 19)

LAQ

1. Compound Fracture - principles of management **(S-18)** (Pg. 21)

4: Splints and Traction

SAQ

1. Traction* in Orthopedics - types, uses **(W-19)(W-09)** (Pg. 26)
2. Skeletal Traction **(S-16)** (Pg. 27)
3. Thomas Splint **(W-15)** (Pg. 25)
4. Skin Traction - uses, indications, contraindications **(W-07)**

5. Commonly Used Splints and Traction - enumerate **(S-04)**

5: Recent Advances in the Treatment of Fractures

SAQ

1. Interlocking Nail **(S-12)** (Pg. 32, 142)
2. Distraction Osteogenesis **(S-09)** (Pg. 34)

7: Complications of Fractures

SAQ

1. Compartment Syndrome**** of forearm - causes, c/f*, treatment*; define **(W-18)(S-18)(W-16)(W-08)(S-06)** (Pg. 47)
2. Sudeck's Osteodystrophy* of wrist & hand - c/f, diagnosis, treatment **(W-15)(W-08)** (Pg. 51)
3. Non-Union***** - define*, types****, management*****; causes* **(W-15)(W-14)(S-12)(W-09)(W-06)(S-05)(S-03)(W-02)** (Pg. 48)
4. Malunion of Fractures **(S-13)** (Pg. 49)
5. Fat Embolism **(S-09)** (Pg. 43)
6. Post-Traumatic Ossification - diagnosis, management **(W-03)** (Pg. 52)

9: Fractures in Children

SAQ

1. Physeal Injuries **(S-16)** (Pg. 58)
2. Greenstick Fracture **(W-14)** (Pg. 57, 109)

10: Peripheral Nerve Injuries

SAQ

1. Late Ulnar Nerve Palsy - management (Pg. 71) **(S-20)**
2. Radial Nerve Palsy/Injury** **(S-17)(W-13)(S-11)(W-03)** (Pg. 65)
3. Foot Drop - causes, c/f, treatment **(W-16)** (Pg. 63)
4. Nerve Injuries - classify, management **(W-15)**
5. Neuropraxia* - define, causes, principles of treatment **(S-08)(W-07)** (Pg. 63)
6. Tinel's Sign **(S-07)** (Pg. 69)

12: Treatment of Orthopedic Disorders: General Review

SAQ

1. Bone Graft and other Bone Substitutes **(W-11)** (Pg. 84)

13: Injuries Around the Shoulder, Fracture Humerus

SAQ

1. Anterior Dislocation of Shoulder** Joint - types, treatment, complications; signs **(W-11)(W-08)(W-04)** (Pg. 90)

14: Injuries Around Elbow

SAQ

1. Cubitus Varus **(S-19)** (Pg. 102)
2. Volkmann's Ischemic Contracture** **(W-17)(W-12)(W-10)** (Pg. 101)
3. Volkmann's Ischemia** - clinical diagnosis*, management**; c/f **(W-15)(S-09)(W-03)** (Pg. 101)

LAQ

1. Volkmann's Ischemic Contracture - c/f, management (Pg. 101) **(S-20)**
2. Supracondylar Fracture Humerus**** in 7 y/o* child - c/f**, management***, complications*; mechanism of injury**; describe X-Ray*; conservative management; types, immediate complications **(S-14)(S-12)(S-08)(S-07)(S-03)** (Pg. 97)

15: Injuries of the Forearm and Wrist

SAQ

1. Fracture Scaphoid** **(W-17)(W-12)(W-10)** (Pg. 115)
2. Colles' Fracture***** - complications****; define* **(W-13)(W-12)(W-10)(S-09)(W-08)(W-04)(W-02)** (Pg. 111)
3. Monteggia Fracture Dislocation* - describe, management; define, c/f, mode of injury **(S-11)(W-07)** (Pg. 110)
4. Smith's Fracture - mechanism of injury, displacement **(S-07)** (Pg. 114)
5. Enumerate Injuries occurring due to Fall on Outstretched Hand **(W-02)**

LAQ

1. Colles' Fracture** - define*, c/f**, classification, management**, complications** **(W-18)(W-15)(S-04)** (Pg. 111)

2. Lower End of Radius* - enumerate fractures* (part) **(W-15)(S-04)**

16: Hand Injuries

SAQ

1. Mallet Finger **(S-07)** (Pg. 118)

17: Pelvic Fractures

SAQ

1. Fracture Pelvis** - complications*; principles of treatment of visceral complications **(W-09)(S-08)(W-05)** (Pg. 127)

18: Injuries Around the Hip

SAQ

1. Intracapsular [Fracture Neck Femur]***** - management*; complications*; classify* **(S-20)(W-19)(S-10)(W-09)(S-06)(S-03)** (Pg. 132)
2. Femoral Head - blood supply **(W-19)** (Pg. 129)
3. Hip Dislocation **(W-19)** (Pg. 130)

LAQ

1. Intertrochanteric Fracture* Femur (in elderly) - mechanism of injury, c/f*, management*; classification **(W-17)(S-13)** (Pg. 138)
2. Fracture Neck Femur* - classify*, c/f*, management* at various ages; X-Ray findings **(S-15)(S-09)** (Pg. 132)
3. Posterior Dislocation of Hip - mechanism of injury, clinico-radiological features, management **(W-03)** (Pg. 130)

19: Fracture Shaft of Femur

SAQ

1. Fracture Shaft Femur in adults - management **(S-10)** (Pg. 141)

20: Injuries Around the Knee

SAQ

1. Patella Fracture** - types, surgical treatment **(S-17)(S-15)(S-14)** (Pg. 146)

LAQ

1. Fracture Patella - c/f, investigations, treatment **(W-10)** (Pg. 146)

21: Injuries to Leg, Ankle and Foot

SAQ

1. Pott's Fracture* - classification*, management **(S-11)(W-02)** (Pg. 159)
2. Ankle Sprain **(S-08)** (Pg. 163)

LAQ

1. Pott's Fracture* in adults - classification*, clinico-radiological features, management*; mechanism of injury **(S-17)(W-14)** (Pg. 159)
2. Fractures of Shaft of Tibia - types, investigations, treatment; Closed Interlocked Intermedullary Nailing - advantages **(S-06)** (Pg. 155)

22: Infections of Bones and Joints

SAQ

1. Acute Osteomyelitis***** in child - c/f**; management; pathogenesis; define, types **(S-20)(W-17)(S-15)(S-11)(S-10)(W-02)** (Pg. 168)
2. Chronic Osteomyelitis***** - radiological signs/features*; management; complications*; c/f* **(W-19)(S-17)(S-16)(W-15)(W-14)(W-13)(S-03)** (Pg. 173)
3. Brodie's Abscess **(S-19)** (Pg. 175)
4. Sequestrum* - types **(S-14)(S-06)** (Pg. 172)
5. Pyogenic Infection of Knee Joint - c/f, investigations, principles of treatment **(W-07)**

LAQ

1. Chronic Osteomyelitis* - pathogenesis, c/f*, principles of treatment/management, complications; etiopathology, radiological features **(W-16)(W-09)** (Pg. 173)
2. Acute Osteomyelitis** - define, etiopathology**, c/f**, treatment; radiological features, management*; investigations **(W-07)(S-05)(W-04)** (Pg. 168)

23: Tuberculosis of Bones and Joints

SAQ

1. Pott's Spine/Tuberculosis of Spine* - investigations; c/f*, radiological signs/features **(S-20)(S-06)(S-03)** (Pg. 185)
2. Tuberculosis of Hip***** Joint - stages**; c/f*, management* **(W-18)(W-16)(S-15)(S-13)(W-12)(W-10)(W-06)** (Pg. 194)
3. Tubercular Dactylitis **(S-18)** (Pg. 203)
4. Pott's Paraplegia* of Late Onset; Early Onset - causes, prognosis **(S-07)(W-05)** (Pg. 191)

LAQ

1. Koch's Spine; Tuberculosis of Spine*** at Dorsolumbar Spine*/at Vertebral Level D12 with Incomplete Paraplegia; Pott's Spine* - c/f*****, management*****, pathology*, radiological features*; etiopathology; investigations; etiology, pathogenesis* **(S-16)(W-13)(W-12)(S-11)(S-10)(W-02)** (Pg. 185)

25: Congenital Talipes Equino Varus (CTEV)

SAQ

1. CTEV*****/Clubfoot** in child of 2 years - treatment; management****; treatment protocol from birth upto 1 year; conservative management; differentiate between extrinsic and intrinsic type **(S-20)(W-17)(S-16)(S-14)(W-12)(W-10)(S-08)(W-05)(S-04)** (Pg. 214)

26: Congenital Dislocation of Hip and Other Malformations

SAQ

1. Ortolani's Test for CDH - describe **(S-07)** (Pg. 221)
2. Congenital Dislocation of Hip (CDH) in an infant - c/f **(S-05)** (Pg. 220)

27: Poliomyelitis and Other Neuromuscular Disorders

SAQ

1. Poliomyelitis - stages **(W-04)** (Pg. 227)

28: Bone Tumors

SAQ

1. Chondrosarcoma* **(W-19)(S-11)** (Pg. 246)
2. Ewing's Sarcoma** **(S-19)(S-17)(S-15)** (Pg. 243)
3. Osteochondroma***** - clinico-radiological features, treatment; c/f, complications, management **(W-18)(S-16)(W-13)(S-08)(W-07)(W-03)** (Pg. 247)
4. Osteogenic Sarcoma/Osteosarcoma - radiological features* **(S-18)(S-10)** (Pg. 240)
5. Giant Cell Tumour*****/Osteoclastoma - sites*, radiological features*, treatment**, c/f**, management*; define, types **(W-17)(W-16)(W-12)(S-12)(W-10)(S-09)(W-08)(W-06)(W-02)** (Pg. 237)
6. Aneurysmal Bone Cyst **(W-14)** (Pg. 249)
7. Osteoid Osteoma* **(S-14)(S-13)** (Pg. 235)
8. Unicameral Bone Cyst **(S-06)** (Pg. 248)
9. Skeletal Metastasis - primary sites; What is Occult Primary; Bone Metastasis - common locations **(W-05)** (Pg. 246)
10. Benign and Malignant Bone Tumors* - clinical differences* **(S-05)(S-03)**

29: Prolapsed Intervertebral Disc

SAQ

1. Prolapsed Intervertebral Disc* **(S-13)(S-12)** (Pg. 252)

32: Traumatic Paraplegia

SAQ

1. Paraplegia in # Spine - management **(W-06)** (Pg. 276)
2. Traumatic Paraplegia - principles of management **(S-04)** (Pg. 276)

33: Scoliosis and Other Spinal Deformities

SAQ

1. Milwaukee Brace **(W-18)** (Pg. 282)

34: Arthritis and Related Diseases

SAQ

1. Ankylosing Spondylitis* **(W-18)(W-14)** (Pg. 290)

2. Rheumatoid Arthritis of hand - treatment **(S-04)** (Pg. 289)

35: Degenerative Disorders

SAQ

1. Osteoarthritis of Knee***** - c/f*, management; radiological findings*, principles of treatment **(S-15)(S-13)(S-12)(W-09)(W-05)(W-04)** (Pg. 295)
2. Degenerative Arthritis/Osteoarthritis and Rheumatoid Arthritis* - differences* **(S-05)(S-03)** (Pg. 300)

LAQ

1. Osteoarthritis of Knee Joint - etiopathogenesis, c/f, investigations, treatment **(W-06)** (Pg. 295)

36: Affections of Soft Tissue

SAQ

1. Tennis Elbow**** - define*, causes*, treatment* **(W-16)(S-16)(S-12)(W-09)(W-04)** (Pg. 302)
2. Golfer's Elbow **(S-14)** (Pg. 302)
3. Frozen Shoulder* - define, c/f, principles of treatment **(W-13)(W-07)** (Pg. 304)
4. DeQuervain's Tenosynovitis **(W-11)** (Pg. 303)
5. Plantar Fascitis **(S-08)** (Pg. 304)
6. Carpal Tunnel Syndrome **(S-06)** (Pg. 303)
7. Ganglion **(S-04)** (Pg. 303)

37: Metabolic Bone Diseases

SAQ

1. Osteomalacia **(S-19)** (Pg. 312)
2. Rickets***** - c/f**; radiological features; describe X-Ray; management* **(S-18)(S-15)(W-14)(S-07)(W-06)(W-03)** (Pg. 310)
3. Osteoporosis* - causes, fractures due to osteoporosis **(S-17)(W-05)** (Pg. 308)
4. Deficiency Rickets; Nutritional Rickets **(S-13)(S-04)** (Pg. 310)
5. Osteoporosis and Osteomalacia - difference (part) **(W-05)**

LAQ

1. Rickets - define, classification, pathophysiology, c/f, management **(W-19)** (Pg. 310)

38: Miscellaneous Affections of the Bone

SAQ

1. Avascular Necrosis of Femoral Head (Pg. 318) **(S-20)**
2. Perthes' Disease **(W-18)** (Pg. 318)
3. Osteogenesis Imperfecta **(S-18)** (Pg. 316)

LAQ

1. Perthes' Disease - signs, symptoms, radiological changes, management, complications **(W-19)** (Pg. 318)

39: Miscellaneous Regional Diseases

SAQ

1. Congenital Vertical Talus **(S-17)** (Pg. 326)
2. Genu Valgum and Genu Varum **(S-11)** (Pg. 324)

40: Amputations, Prosthetics and Orthotics

SAQ

1. Modern Day Amputation Prosthetics **(S-19)** (Pg. 331)
2. Amputation* - define, indications*, types*, complications **(W-16)(W-02)** (Pg. 332)

41: Arthroscopic Surgery

SAQ

1. Arthroscopy in Knee **(W-06)** (Pg. 334, 152)

42: Joint Replacement Surgery

SAQ

1. Total Hip Replacement **(W-11)** (Pg. 339)

43: Imaging Modalities in Orthopedics

SAQ

1. MRI in Orthopedics **(S-14)** (Pg. 342)

Annexure

SAQ

1. Thomas' Test for Hip **(W-03)** (Pg. 349)

Untitled

SAQ

1. TT Splint **(S-18)**
2. Tourniquet **(W-17)**
3. Human Cartilage - micro-anatomy **(W-11)**
4. Bone Substitutes **(W-11)**
5. Wallerian Degeneration **(S-10)**
6. Bony Swelling in Upper End of Tibia in adult - D/D **(W-09)** (Pg. 359, 366)
7. Displaced Fracture - diagnostic examination findings **(S-05)** (Pg. 98?)

Surgery – II

Urology

Kidney

SAQ

1. Congenital PUJ Obstruction** - management **(W-19)(S-17)(W-02)**
2. Dietl's Crisis **(S-19)** (Pg. 1001)
3. PUJ (Pelviureteric Junction) Obstruction* - management* **(S-19)(W-09)** (Pg. 1010)
4. Intravenous Pyelography*/Urography**** - indications, contraindications, method **(W-18)(S-14)(S-11)(W-08)(W-07)(S-07)(W-03)** (Pg. 986)
5. Polycystic Kidney **(W-17)** (Pg. 994)
6. Haematuria** - causes **(W-16)(W-12)(W-04)** (Pg. 993)
7. Anuria **(S-14)**
8. Ureteric Injuries **(W-13)**
9. Staghorn Calculi* **(S-13)(W-06)** (Pg. 1011)
10. Wilm's Tumor* **(S-13)(S-09)** (Pg. 1012)
11. Horseshoe Kidney* **(W-12)(S-07)** (Pg. 993)
12. Ureteric Stones - treatment options **(S-12)** (Pg. 1009)
13. Renal Calculi - etiology, types*; complications of untreated stone in Right PUJ **(W-10)(S-06)** (Pg. 1005)
14. Hydronephrosis**** - unilateral causes**; define; causes, investigations; unilateral ureteric causes **(S-10)(W-09)(S-08)(S-04)(W-03)** (Pg. 1000)
15. Congenital Anomalies of Kidney **(S-08)**
16. Renal Carbuncle **(W-07)** (Pg. 1004)
17. Extracorporeal Shock Wave Lithotripsy (ESWL) **(W-06)** (Pg. 1007)
18. Perinephric Abscess **(W-05)** (Pg. 1005)
19. Kidney Tumors - classification **(W-03)** (Pg. 1012)

LAQ

1. Renal Cell Carcinoma***** in a 70 y/o Diabetic Male Patient - etiopathology**, C/F*****, management*****; etiopathogenesis; spread; etiology, pathology**, investigations* **(W-19)(W-18)(W-16)(S-12)(S-10)(S-06)(S-05)** (Pg. 1013)
2. Tuberculosis Kidney* - c/f*, investigations, management*; etiopathogenesis **(S-19)(S-04)** (Pg. 998)
3. Painless [Haematuria]*** - causes*** (part) **(W-17)(S-14)(W-08)(S-06)**
4. Hydronephrosis*** - define**, causes** of U/L HN; types, c/f, investigations; Lower Ureteric Stone - management; Hydronephrosis due to Obstructing Ureteric Calculous - management; PUJ Obstruction - management; Unilateral Hydronephrosis due to PUJ Obstruction - pathophysiology, c/f, management **(W-15)(S-15)(W-07)(W-05)** (Pg. 1000)
5. What is Grawitz Tumor (part) **(S-10)**
6. Wilm's Tumor - c/f, investigations, management **(W-08)**
7. Renal Calculi - c/f, management **(W-04)** (Pg. 1005)

Urinary Bladder

SAQ

1. Vesicoureteric Reflux **(S-20)** (Pg. 1028)
2. Ectopic Vesicae **(W-09)** (Pg. 1019)
3. Bladder Stone **(W-05)** (Pg. 1019)
4. Urinary Diversion - operations **(W-03)** (Pg. 1030)

LAQ

1. Carcinoma of Urinary Bladder***** - c/f****, management*****; etiopathogenesis****; investigations; staging **(W-17)(W-14)(S-14)(W-10)(S-07)(W-03)** (Pg. 1023)
2. Traumatic Rupture of Urinary Bladder - c/f, investigations, management **(S-11)** (Pg. 1026)

Prostate

SAQ

1. Prostate Specific Antigen** (PSA) **(W-17)(W-12)(W-06)** (Pg. 1032)
2. Benign Prostatic Hyperplasia* - medical management; surgeries **(S-15)(W-04)** (Pg. 1033)
3. Prostatectomy (Open & Endoscopic) - complications and management **(W-09)**

LAQ

1. Benign Prostatic Hyperplasia*** - c/f***, management***; investigations; etiopathogenesis, recent advances in treatment **(S-16)(S-13)(W-11)(W-02)** (Pg. 1033)

Urethra

SAQ

1. Urethral Stricture** - management*; causes **(S-16)(S-08)(W-04)** (Pg. 1043)
2. Superficial Extravasation of Urine **(W-13)** (Pg. 1046)
3. Acute* [Retention of Urine]* - causes** **(S-12)(S-09)(S-07)** (Pg. 1047)
4. Rupture of Bulbar Urethra **(W-05)** (Pg. 1041)
5. Hypospadias - surgical management*; classification according to position of meatus **(S-04)(W-03)** (Pg. 1044)

LAQ

1. Retention of Urine* - define, difference from Anuria, causes, management of 60 y/o **(W-06)** (Pg. 1047)
2. Acute Retention of Urine - three common causes (part) **(W-02)**

Penis

SAQ

1. Ca Penis*** - Precancerous Conditions*; etiology **(W-19)(S-17)(S-10)(W-04)** (Pg. 1051)
2. Phimosis* **(W-15)(W-12)** (Pg. 1048)
3. Paraphimosis* **(S-13)(W-07)** (Pg. 1049)
4. Circumcision*** - indications, complications **(S-09)(W-08)(W-05)(W-02)** (Pg. 1049)

LAQ

1. Ca Penis** - c/f*, investigations, surgical management**; etiology, pathology*, spread*, staging **(S-19)(W-09)(S-03)** (Pg. 1051)

Scrotum

SAQ

1. Congenital Hydrocele** **(W-18)(W-15)(S-07)** (Pg. 1058)
2. Fournier's Gangrene** **(W-12)(S-10)(S-04)** (Pg. 1056)
3. Varicocele** - c/f, treatment **(S-11)(W-06)(S-05)** (Pg. 1063)
4. Scrotum - enumerate layers; Uncomplicated U/L Hydrocele - surgeries **(S-06)**
5. Primary & Secondary Hydrocele - differences **(W-03)**

LAQ

1. Scrotal Swelling - D/D; Vaginal Hydrocele - etiology, c/f, management **(S-09)** (Pg. 1057)

Testis

SAQ

1. Torsion Testis***** **(W-17)(W-14)(W-13)(W-12)(S-12)(W-10)(W-07)(S-07)(W-05)** (Pg. 1068)
2. Undescended Testis* - management*; investigations **(S-16)(W-02)** (Pg. 1067)
3. Testicular Tumors** - classification*; modes of spread **(W-15)(S-07)(W-06)** (Pg. 1070)
4. Undescended Testis and Ectopic Testis - differences **(S-10)**

LAQ

1. Testicular Tumors** - classify**; c/f, management; Left Testicular [Seminoma]* - c/f, investigations, management* **(S-18)(S-17)(W-13)** (Pg. 1070)
2. 25 y/o boy - hard left testicular mass and abdominal lump - D/D, management **(W-12)**
3. Undescended Testis - etiology, c/f, management **(S-08)**

Thorax

SAQ

1. Tension Pneumothorax***** - c/f, management*; define **(W-19)(S-19)(S-17)(S-14)(S-09)(W-06)(S-05)** (Pg. 1101)
1. Intercostal Drain - indications, complications **(W-18)** (Pg. 1105)
2. Empyema Thoracis** - define, causes, treatment modalities **(W-14)(W-07)(S-06)** (Pg. 1103)
3. Flail Chest*** define, management **(S-12)(S-11)(W-08)(W-02)** (Pg. 1100)
4. Pneumothorax **(W-09)** (Pg. 1101)
5. Open Pneumothorax **(W-04)**

LAQ

1. Hydatid Cyst - etiopathogenesis, sites; Hydatid Cyst of Lung - management **(W-03)** (Pg. 1109)

Cardiac Surgery

SAQ

1. Patent Ductus Arteriosus **(S-18)** (Pg. 1120)
2. Atrial Septal Defect **(W-16)** (Pg. 1121)

Adjuvant Therapy

SAQ

1. Interventional Radiology*; Radiotherapy* - complications; methods of administration, adverse effects **(W-17)(S-16)(W-10)(S-05)** (Pg. 1126)
2. Radiotherapy - complications **(W-10)** (Pg. 1127)

Anaesthesia

SAQ

1. Spinal Anaesthesia***** - complications* **(W-19)(W-17)(S-17)(W-15)(S-13)(S-12)(W-10)(S-09)(W-08)(S-06)** (Pg. 1136)
2. Regional***/Local** Anaesthesia **(S-19)(W-18)(S-17)(W-16)(S-15)(S-11)(W-09)** (Pg. 1136)
3. General Anaesthesia **(S-16)** (Pg. 1133)
4. Epidural Anaesthesia*** **(W-14)(W-11)(S-10)(S-04)** (Pg. 1137)
5. Laryngeal Mask Airway **(S-14)** (Pg. 1134)
6. Xylocaine **(W-13)** (Pg. 1136)
7. Spinal & Epidural Anesthesia - differences, advantages, disadvantages **(S-08)**

Advanced Imaging Methods

SAQ

1. PET Scan in Surgery - indications **(S-19)** (Pg. 1143)
2. Magnetic Resonance Imaging - principles **(W-16)** (Pg. 1142)
3. Endoscopic Ultrasonography** **(W-15)(W-11)(W-04)**
4. Doppler Examination Study **(W-11)** (Pg. 1140)

Operative Surgery

SAQ

1. Ideal Suture Material **(S-20)** (Pg. 1153)
2. Tracheostomy- indications; complications **(S-20)** (Pg. 1157)
3. Day Care Surgery **(S-18)** (Pg. 1165)
4. Vasectomy* **(W-08)(W-04)** (Pg. 1157)

Untitled

SAQ

1. Minimal Access Surgery - limitations **(W-15)**
2. X-Ray Examination - hazards of ionizing radiation **(S-15)**
3. Male Infertility **(W-14)**
4. Cardiopulmonary Resuscitation (CPR) **(W-11)**
5. TUR **(W-03)** (Pg. 1034?)

LAQ

1. Young female - h/o prolonged fasting over days - c/o abdominal pain, vomiting, distension, cherry red stools - management **(S-20)**
2. 50 y/o male - c/o lump in paraumbilical region, painless enlargement of left testis - investigation, management **(S-20)**

OBGY – I: Obstetrics

Chapter 3: Placenta and Fetal Membranes

SAQ

1. Amniotic Fluid - functions **(S-19)** (Pg. 34)
2. Placenta* - functions* **(S-14)(S-10)** (Pg. 31)
3. Amniotic Fluid Index **(W-13)** (Pg. 35)

LAQ

1. Placenta - gross structure, functions **(W-03)** (Pg. 31)

Chapter 5: Physiological Changes during Pregnancy

SAQ

1. Haemodynamic Changes in Normal Pregnancy; Heart Disease in Pregnancy - criteria for diagnosis **(S-04)** (Pg. 48)

LAQ

1. Physiological Changes in Cardiovascular System in Pregnancy* (part) **(W-10)(W-09)** (Pg. 48)

Chapter 7: Diagnosis of Pregnancy

SAQ

1. Positive or Absolute Signs of Pregnancy **(S-06)** (Pg. 60)

Chapter 9: Fetal Skull and Maternal Pelvis

SAQ

1. Caput Succedaneum **(S-06)** (Pg. 78)

Chapter 10: Antenatal Care, Preconceptional Counseling and Care

SAQ

1. Oedema in Pregnancy **(S-18)** (Pg. 88)
2. Routine Antenatal Care **(W-15)**

LAQ

1. 20 y/o primigravida - missed her period - comes to you for check-up for the first time - how will you proceed **(S-15)**
2. Antenatal Care* - important components; define, components at first visit, time schedule for subsequent visits in uncomplicated pregnancy **(S-05)(S-03)**

Chapter 11: Antenatal Assessment of Fetal Well-Being

SAQ

1. Antenatal Assessment of Fetal Well-Being - tests **(S-19)** (Pg. 96)
2. Non-Stress Test*** **(W-16)(S-15)(W-11)(S-07)** (Pg. 98)
3. [Biophysical Profile]** Score **(S-11)(W-09)(S-08)(S-06)** (Pg. 98)
4. Antepartum Fetal Surveillance - methods **(W-02)** (Pg. 97)

LAQ

1. Assessment of Fetal Well-Being at 34 weeks of gestation - tests **(W-14)**

Chapter 12: Prenatal Genetic Counseling, Screening and Diagnosis

SAQ

1. Triple Markers in Pregnancy; Triple Marker Test **(S-13)(W-12)** (Pg. 103)

Chapter 13: Normal Labour

SAQ

1. Third Stage of Labour*** - active management*; physiology*, management **(S-20)(W-16)(S-11)(W-05)** (Pg. 133)
2. Latent Phase of Labour **(W-08)** (Pg. 123)
3. Separation of Placenta - signs; Brandt-Andrew's Method - describe **(S-03)** (Pg. 133)

LAQ

1. Normal Delivery/Labour - define* **(S-18)(S-04)**
2. Third Stage of Labour* - active [management]* (part) **(S-18)(W-10)** (Pg. 132, 134)
3. First Stage of Labour - physiology, clinical course **(S-04)** (Pg. 113, 121)

Chapter 14: Normal Puerperium

SAQ

1. Lochia* **(S-17)(S-15)** (Pg. 138)
2. Suppression of Lactation **(W-14)** (Pg. 142)
3. Postnatal Care **(W-08)** (Pg. 145)

Chapter 15: Vomiting in Pregnancy

SAQ

1. Hyperemesis Gravidarum*** **(W-18)(W-16)(W-15)(S-12)** (Pg. 146)

Chapter 16: Haemorrhage in Early Pregnancy

SAQ

1. Cervical Incompetence* - diagnosis, management **(S-20)(W-16)** (Pg. 161)
2. Ectopic Pregnancy - diagnosis **(W-19)** (Pg. 172)
3. MTP - complications **(S-16)** (Pg. 167)
4. MTP Act **(W-14)** (Pg. 164)
5. Threatened Abortion* - diagnosis, management **(W-13)(S-05)** (Pg. 153)
6. Missed Abortion** **(S-11)(S-08)(W-04)** (Pg. 155)
7. Ruptured Tubal Ectopic Pregnancy* - management; diagnosis **(S-10)(W-08)**
8. Os-Tightening (Cervical Encirclage) **(W-09)** (Pg. 163)
9. Inevitable Abortion **(W-06)** (Pg. 154)
10. Hydatidiform Mole - diagnosis, management **(W-02)** (Pg. 180)

LAQ

1. Abortion - define; First Trimester Abortion - etiology; Incomplete Abortion - management **(S-14)**
2. Recurrent 2nd Trimester Abortions - causes; Cervical Incompetence in Pregnancy - management **(W-12)** (Pg. 161)
3. Tubal Ectopic Pregnancy - etiology, c/f, diagnosis, conservative management **(W-11)** (Pg. 168)
4. Habitual Abortion - define; Incompetent Os - diagnosis, management **(S-04)** (Pg. 159)

Chapter 17: Multiple Pregnancy, Amniotic Fluid Disorders, Abnormalities of Placenta and Cord

SAQ

1. Oligohydramnios* - etiology, complications **(W-17)(S-16)** (Pg. 203)
2. Acute Polyhydramnios **(S-17)** (Pg. 200)

LAQ

1. Twin Pregnancy* - etiology*, diagnosis, management **(W-13)(S-10)** (Pg. 189)
2. Primigravida with Twin Gestation at 38 weeks of pregnancy - management (part) **(S-10)**
3. Multiple Pregnancy - diagnosis in detail; Labour in a Primigravida with Twin Pregnancy - management **(W-05)**

Chapter 18: Hypertensive Disorders in Pregnancy

SAQ

1. Pre-Eclampsia - serious complications **(W-19)** (Pg. 213)
2. Impending Eclampsia **(S-18)**
3. Prevention of Pre-Eclampsia - prophylactic measures **(W-17)** (Pg. 214)
4. HELLP Syndrome **(W-16)** (Pg. 209)
5. Magnesium Sulfate* **(S-15)(W-09)** (Pg. 221)
6. Eclampsia* - management* **(W-12)(S-12)** (Pg. 217)

LAQ

1. Convulsions in Pregnancy - D/D; Eclampsia in labour - management **(S-20)** (Pg. 217)
2. Pre-Eclampsia* - etiopathogenesis, c/f*, management; define; maternal & fetal risks; Imminent/Impending Eclampsia - symptoms **(S-16)(W-15)(S-03)** (Pg. 207)
3. Severe Pre-Eclampsia in 34 weeks pregnancy - management **(W-15)** (Pg. 214)
4. Hypertensive Disorders of Pregnancy - enumerate; Eclampsia at 29 weeks of gestation - management; Antepartum Eclampsia - c/f, management **(W-14)(S-08)** (Pg. 217)
5. Hypertension in Pregnancy - define, classify; 32 weeks pregnancy with Mild Pre-Eclamptic Toxaemia - investigation, management **(S-14)**
6. Eclampsia** at full term - c/f, management**, complications**; define* **(S-09)(W-04)(W-03)** (Pg. 217)
7. Pregnancy Induced Hypertension (PIH) - define, complications; Severe PIH at 32 weeks gestation - management **(W-07)**
8. Primigravida - 30 weeks gestation - BP = 150/100 mm Hg - management **(S-07)**

Chapter 19: Antepartum Haemorrhage

SAQ

1. Placenta Previa - management **(W-19)** (Pg. 233)
2. Central Placenta Previa in Labour - management **(S-14)** (Pg. 228)
3. Abruptio Placentae* - complications; management **(S-04)(S-03)** (Pg. 241)

LAQ

1. Bleeding per vaginum at 34 weeks - D/D; Concealed [Abruptio Placentae]** at 34 weeks* of Gestation - management**; diagnosis **(W-18)(W-17)(W-09)** (Pg. 237)
2. Antepartum Haemorrhage* - define*, causes (part) **(W-17)(W-09)** (Pg. 228)
3. G2 with 32 weeks pregnancy presents with Bleeding Per Vaginum - D/D, investigations, management **(S-12)**
4. Placenta Previa - c/f, diagnosis, treatment **(S-09)** (Pg. 228)
5. Accidental Haemorrhage - define; Concealed Accidental Haemorrhage - c/f, management **(S-06)** (Pg. 237)

Chapter 20: Medical and Surgical Illnesses Complicating Pregnancy

SAQ

1. Perinatal Transmission of HIV Infection* - prevention*; Vertical Transmission of HIV Infection from Mother to Child* - measures to decrease; prevention **(W-18)(S-07)(W-05)(S-05)** (Pg. 283)
2. HIV Testing in Pregnancy **(S-18)** (Pg. 283)
3. Severe Iron Deficiency Anemia - treatment **(S-17)** (Pg. 247)
4. PPTCT Programme **(S-17)**
5. Parental Iron Therapy** **(W-15)(W-11)(S-10)** (Pg. 249)
6. Sick Cell Crisis in Pregnancy **(W-13)** (Pg. 255)
7. Social Factors for High Incidence of Anemia during Pregnancy **(W-03)**

LAQ

1. Anemia in Pregnancy - definition, etiology, grades of severity, evaluation, management **(W-19)** (Pg. 245)
2. Iron Requirement in Pregnancy; 20 week Pregnant Woman with Haemoglobin of 8 g/dl - management **(S-18)** (Pg. 245)
3. Hepatic Disorders in Pregnancy - describe, management **(S-16)** (Pg. 270)
4. Heart Disease with Pregnancy - discuss antenatal care & labour **(W-13)** (Pg. 257)
5. Severe Anemia* in Pregnancy of 32 weeks - investigations*, management*, complications in pregnancy and puerperium; effects on mother & baby **(W-10)(W-02)** (Pg. 245)
6. Mitral Stenosis in Pregnancy & Labour - management **(W-09)** (Pg. 260)

Chapter 22: Preterm Labour and Birth, PROM, Postmaturity, Intrauterine Fetal Death

SAQ

1. Preterm Labour*** - define; etiology; treatment; diagnosis, D/D **(W-10)(S-10)(S-07)(S-03)** (Pg. 295)
2. Intrauterine Death of Fetus **(W-07)** (Pg. 302)

LAQ

1. Preterm Labour*** - common causes; define*; management; complications in a Preterm Baby **(S-19)(S-11)(W-08)(S-05)** (Pg. 294)
2. 34 y/o primigravida - 32 weeks/30 weeks* of gestation with Preterm Labour** - management** **(S-19)(S-11)(S-05)** (Pg. 294)
3. Problems/Complications associated with Prematurity* (part) **(S-11)(W-08)**
4. Post-Term Pregnancy - define, diagnosis, management **(W-06)** (Pg. 299)

Chapter 23: Complicated Pregnancy

SAQ

1. Rh (Anti-D) Immunoprophylaxis*; Inj. Anti-D; Anti-D Immunoglobulin* **(S-20)(W-18)(S-18)(W-07)(S-05)** (Pg. 314, 315)
2. Antiphospholipid Syndrome **(S-14)** (Pg. 321)
3. Coomb's Test **(S-13)** (Pg. 315)
4. Selection of a case of Previous Caesarian Section for Vaginal Delivery with monitoring this patient in labour **(W-10)** (Pg. 309)

LAQ

1. Previous Caesarian Section - history taking, clinical evaluation, management **(W-08)** (Pg. 307)
2. G2P1A0L1 with 37 weeks gestation - one Previous Caesarian Section - comes in labour - management **(S-07)** (Pg. 309)

Chapter 24: Contracted Pelvis

SAQ

1. Types of Pelvis **(S-16)** (Pg. 325)
2. Clinical Pelvimetry* **(W-08)(W-07)** (Pg. 328)

Chapter 25: Abnormal Uterine Action

SAQ

1. Precipitate Labour **(W-17)** (Pg. 339)

LAQ

1. Bandl's Ring - write a note (part) **(W-02)** (Pg. 339)

Chapter 26: Complicated Labour: Malposition, Malpresentation and Cord Prolapse

SAQ

1. Birth Injuries in Newborn in Breech Delivery* **(S-20)(W-18)** (Pg. 355)
2. Cord Prolapse in Labour - management **(S-19)** (Pg. 373)
3. Deep Transverse Arrest - define, causes, diagnosis, management **(W-04)** (Pg. 349)
4. Assisted Breech Delivery **(S-04)** (Pg. 357)
5. Neglected Shoulder Presentation **(S-03)** (Pg. 370)

LAQ

1. Multigravida with Breech Presentation in Labour - management **(S-17)** (Pg. 353)
2. G2P1 with 38 weeks of pregnancy - admitted with labour pains - first delivery was by LSCS for Breech - management **(S-15)**
3. Deep Transverse Arrest - causes, management **(S-13)** (Pg. 349)
4. Breech Presentation - etiology, RF; Vaginal Breech Delivery - criteria; Assisted Breech Delivery - discuss **(S-12)** (Pg. 357)
5. Occipito-Posterior position in Labour - diagnosis, management **(S-11)** (Pg. 343)
6. Malpresentations & Malpositions - enumerate causes; Uncomplicated Breech Presentation during Pregnancy & Labour - management **(W-07)**

Chapter 27: Prolonged Labour, Obstructed Labour, Dystocia caused by Fetal Anomalies

SAQ

1. Anencephaly **(S-14)** (Pg. 383)
2. Hydrocephalus* **(W-13)(W-04)** (Pg. 381)

LAQ

1. Obstructed Labour* - define, causes*, diagnosis, management **(S-06)(W-02)** (Pg. 379)

Chapter 28: Complications of the Third Stage of Labour

SAQ

1. PPH*** - etiology; prevention; high risk factors; treatment **(W-19)(W-08)(W-03)(W-02)** (Pg. 385, 387)
2. Atonic PPH - management **(W-07)** (Pg. 389)
3. Acute Inversion of Uterus **(W-04)** (Pg. 395)

LAQ

1. PPH**** - define****; management of various types; causes*; Atonic PPH**** - stepwise management****; causes **(S-17)(W-15)(W-10)(S-10)(S-08)(W-04)** (Pg. 385)

Chapter 29: Injuries to the Birth Canal

SAQ

1. Impending Rupture of Uterus during Labour in a Previous LSCS case - diagnosis **(S-19)** (Pg. 401)

LAQ

1. Ruptured Uterus - causes, management **(W-06)** (Pg. 400)

Chapter 30: Abnormalities of the Puerperium

SAQ

1. Fever in Puerperium* - causes*; Puerperial Sepsis - management **(W-18)(S-05)** (Pg. 406)
2. Complications of Puerperium **(S-16)**

LAQ

1. 27 y/o primigravida - delivered normally 7 days back - came back with fever, pain in abdomen - cause, management **(W-17)** (Pg. 406)
2. Puerperal Pyrexia - define, etiology; Puerperal Sepsis* - management* **(W-12)(W-05)** (Pg. 406)
3. Fever in Puerperium - causes (part) **(W-05)**

Chapter 31: The Term Newborn Infant

SAQ

1. Breast Feeding - merits **(S-09)** (Pg. 421)

2. Baby Friendly Hospital Initiative* - eight steps laid down by UNICEF **(S-08)(S-06)** (Pg. 421)
3. Exclusive Breast Feeding **(W-06)** (Pg. 421)

Chapter 32: Low Birth Weight Baby

LAQ

1. Intrauterine Growth Restriction* - define, classification, etiology*; diagnosis, management; Asymmetrical IUGR - management **(W-16)(W-11)** (Pg. 431)

Chapter 33: Diseases of Fetus and Newborn

SAQ

1. Cephalohematoma** **(W-17)(S-08)(W-04)** (Pg. 452)
2. Neonatal Resuscitation*** **(W-15)(S-13)(W-11)(W-10)** (Pg. 442)
3. APGAR Score***** **(S-15)(S-14)(W-13)(S-11)(S-10)(W-03)** (Pg. 440)
4. Neonatal Jaundice**** **(W-14)(S-13)(W-12)(S-09)(S-07)** (Pg. 446)
5. Birth Asphyxia; Asphyxia Neonatorum **(W-12)(W-10)** (Pg. 438)
6. Down's Syndrome **(W-06)** (Pg. 460)
7. Birth Injuries in Newborn **(W-05)** (Pg. 451)

Chapter 34: Pharmacotherapeutics in Obstetrics

SAQ

1. Uterine Relaxants; Tocolytics - enumerate, mechanism of action, toxicity **(S-16)(W-10)** (Pg. 471)
2. Oxytocin **(W-15)** (Pg. 464)
3. Magnesium Sulfate* **(S-15)(W-09)** (Pg. 472, 473)

Chapter 35: Induction of Labour

SAQ

1. Partogram**/Partograph***** - draw, label **(W-19)(W-14)(S-13)(S-12)(S-09)(S-07)(W-06)** (Pg. 491)
2. Bishop's Score **(S-19)** (Pg. 486)
3. Medical Induction of Labour **(S-04)** (Pg. 485)
4. Induction of Labour - indications, methods **(W-02)**

LAQ

1. Induction of Labour* - define*, indications, methods* **(S-19)(W-16)** (Pg. 485)

Chapter 37: Operative Obstetrics

SAQ

1. External Cephalic Version*** **(S-20)(S-12)(W-09)(S-05)** (Pg. 541, 356)
2. Outlet*/Low Forceps* - prerequisites* for application **(W-18)(W-09)(W-05)** (Pg. 533)
3. Forceps Delivery* - prerequisites* **(S-15)(W-14)** (Pg. 533)
4. Manual Vacuum Aspiration **(S-12)** (Pg. 527)
5. Ventouse; Vacuum Extraction **(W-11)(W-06)** (Pg. 538)
6. Episiotomy*** **(S-11)(S-08)(S-04)(S-03)** (Pg. 528)
7. Forceps and Vacuum Application - advantages, disadvantages **(W-10)** (Pg. 533)
8. Lower Segment Caesarian Section - indications **(S-09)** (Pg. 546)

LAQ

1. LSCS - indications, intraoperative & postoperative complications **(S-20)** (Pg. 546, 552)

Chapter 38: Safe Motherhood, Epidemiology of Obstetrics

SAQ

1. Maternal Mortality*** Rate - causes**, prevention in developing country; define **(W-10)(S-06)(W-05)(W-03)** (Pg. 558)
2. Safe Motherhood **(S-09)** (Pg. 557)
3. Perinatal Mortality **(W-02)** (Pg. 561)

LAQ

1. Maternal Mortality - define, causes, preventable factors **(S-13)** (Pg. 558)

Chapter 40: Current Topics in Obstetrics

SAQ

1. PCPNDT Act* **(S-18)(W-11)** (Pg. 597)

Chapter 41: Imaging, Amniocentesis and Guides to Clinical Tests

SAQ

1. Role of USG in Third Trimester **(S-17)** (Pg. 605)
2. Glucose Challenge Test **(W-12)** (Pg. 611, 263)
3. Ultrasonography in First Trimester **(W-07)** (Pg. 601)
4. Ultrasonography in Obstetrics - uses **(W-03)** (Pg. 591)

LAQ

1. Amniocentesis - criteria, indications, procedure, complications **(W-19)** (Pg. 607)

Untitled

SAQ

1. Essential Obstetric Care **(W-17)**

OBGY - II: Gynaecology

Chapter 4: Congenital Malformation

SAQ

1. Septate Uterus **(S-16)** (Pg. 35)
2. Imperforate Hymen **(S-10)** (Pg. 32)
3. Hematocolpos **(S-05)** (Pg. 31, 371)

Chapter 6: Menopause

SAQ

1. HRT* - benefits; indications, dosage, s/e **(S-19)(W-18)** (Pg. 50)

LAQ

1. Menopause - symptoms; Hormone Replacement Therapy - role in present day Gynaecology **(W-04)** (Pg. 48)

Chapter 8: Mestruation

SAQ

1. Graafian Follicle **(W-18)** (Pg. 68)
2. Menstrual Regulation** **(S-11)(S-09)(W-04)**
3. Secretory Phase **(S-07)** (Pg. 72)

LAQ

1. Physiology of Menstruation* (part) **(W-19)(W-06)** (Pg. 66)
2. Normal Menstrual Cycle - neuroendocrinology **(S-17)**

Chapter 9: Examination and Diagnostic Procedures

SAQ

1. Colposcopy*** **(W-19)(W-16)(W-15)(S-10)** (Pg. 93)
2. Pap Smear***; Evaluation of Abnormal Pap Smear **(S-19)(W-14)(W-13)(S-04)** (Pg. 89)
3. Genital Malignancy - screening **(S-16)** (Pg. 92)

4. Cervical Malignancy - screening **(S-13)** (Pg. 92, 267)

Chapter 10: Imaging Techniques, Diagnostic Procedures, Laser

SAQ

1. Hysteroscopy** **(W-13)(S-08)(W-07)** (Pg. 102, 510)

Chapter 11: Pelvic Infection

SAQ

1. Acute PID* - management* **(W-16)(W-09)** (Pg. 106)
2. Genital Tuberculosis* - diagnosis, management **(W-15)(S-08)** (Pg. 113)
3. Tuberculous Salpingitis **(S-14)** (Pg. 114)
4. Acute Pelvic Infection - symptoms, signs **(S-12)** (Pg. 106)

LAQ

1. Acute PID*** - D/D, etiopathology, diagnosis*, management***, complications*; define*, predisposing factors*, organisms*; c/f **(S-20)(W-12)(W-10)(S-07)**
2. Pathology of Fallopian Tubes in Genital Tuberculosis (part) **(S-10)** (Pg. 114)

Chapter 12: Sexually Transmitted Infections

SAQ

1. Bacterial Vaginosis** **(S-16)(S-15)(W-14)** (Pg. 124)

LAQ

1. Gonorrhea in adult female - signs, symptoms, treatment **(S-10)** (Pg. 120)

Chapter 13: Infections of Individual Pelvic Organ

SAQ

1. Trichomonas Vaginalis***** - c/f, diagnosis, management **(S-17)(S-13)(S-11)(W-10)(W-06)(W-05)** (Pg. 133)
2. Vaginal Candidiasis***/Monilial Vaginitis* **(W-16)(W-11)(W-08)(S-08)(S-07)(S-04)** (Pg. 135)
3. Leucorrhea due to Candida Albicans **(S-06)** (Pg. 135)
4. Atrophic Vaginitis **(W-03)** (Pg. 136)

Chapter 14: Dysmenorrhea and Other Menstrual Cycle Disorders

SAQ

1. Congestive Dysmenorrhea **(W-14)** (Pg. 148)
2. Spasmodic Dysmenorrhea* **(S-14)(W-11)** (Pg. 146)
3. Premenstrual Syndrome **(S-12)** (Pg. 149)
4. Dysmenorrhea **(S-03)**

LAQ

1. Dysmenorrhea* - define*; Primary Dysmenorrhea* - treatment; causes, c/f, management **(S-10)(W-08)**
2. Menstrual Disorders - enumerate (part) **(W-06)**

Chapter 15: Abnormal Uterine Bleeding

SAQ

1. Puberty Menorrhagia - management **(S-20)**
2. DUB - conservative management **(W-17)** (Pg. 157)
3. Metropathia Hemorrhagica **(W-02)** (Pg. 155)

LAQ

1. AUB*** - management*; define*; classification, causes; D/D; 40 y/o woman with AUB - evaluate **(W-19)(S-19)(W-18)(W-09)** (Pg. 161, 157)
2. DUB**** - define*, classification; diagnosis & management** in a Perimenopausal Woman*; 15 y/o girl with Puberty Menorrhagia with Anemia - management **(W-16)(S-15)(S-11)(W-09)(W-05)**
3. Abnormal Bleeding PV - causes (part) **(S-15)**
4. Menorrhagia* - define*, causes*, medical management; 16 y/o girl with Menorrhagia - investigations, management **(W-13)(S-13)** (Pg. 152)
5. Metropathia Hemorrhagica - c/f, investigations, management **(S-11)** (Pg. 155)

Chapter 16: Displacement of Uterus

SAQ

1. Supports of Uterus*** **(W-18)(S-15)(S-09)(W-03)** (Pg. 165)
2. Decubitus Ulcer **(W-11)** (Pg. 170)
3. Cystocele **(S-11)** (Pg. 168, 171, 172, 175)
4. Vault Prolapse **(W-05)** (Pg. 180)
5. Genital Prolapse - Preoperative Management **(W-04)**
6. Manchester Operation **(S-03)** (Pg. 177)

LAQ

1. Supports of Uterus**** - describe****; UV Prolapse**** - define, etiology***; RF, c/f, complications, treatment; 24 y/o woman with Second Degree Prolapse of Uterus - management; [30 y/o woman with Third Degree Cervical Descent - management]*; [29/50/45/25 y/o woman with Third Degree UV Prolapse - management; diagnosis]***** **(S-20)(W-19)(S-19)(S-18)(W-16)(W-14)(S-13)(S-12)(S-07)(S-04)** (Pg. 165)
2. Genital Prolapse* - classification; predisposing factors (part) **(S-12)(S-07)** (Pg. 169)
3. 26 y/o female - h/o one full term normal delivery - presents with Third Degree Genital Prolapse - management **(S-06)**

Chapter 17: Infertility

SAQ

1. Ovulation***** - tests* for diagnosis**; induction** **(S-20)(S-19)(S-15)(W-10)(S-10)(W-07)(W-02)** (Pg. 192, 198)
2. Male Infertility* - causes* **(S-17)(W-04)** (Pg. 187)
3. Tubal Patency Tests **(S-14)** (Pg. 194)
4. Semen Analysis*** **(S-11)(S-08)(S-05)(W-03)** (Pg. 190)
5. Intrauterine Insemination **(W-04)** (Pg. 203)
6. Female Infertility - causes **(S-04)** (Pg. 188)

LAQ

1. Female Infertility* - causes*, investigations, management **(W-18)(W-11)** (Pg. 186)
2. Ovulation** - how to detect; tests*; Anovulation*** in Infertile Woman - management**; drugs; Ovulatory Infertility - management **(W-17)(S-16)(W-14)(W-11)(S-09)** (Pg. 192, 198)
3. Infertile Couple* - investigations* (part) **(S-16)(S-09)**
4. Tubal Infertility - causes, management **(S-06)**
5. Uterine & Tubal Factors of Infertility - enumerate, tests to evaluate **(S-03)**

Chapter 19: Benign Lesions on the Cervix

SAQ

1. Cervical Erosion*** **(S-17)(W-14)(W-11)(W-07)**

Chapter 20: Benign Lesions of the Uterus

SAQ

1. Submucous Fibroid* of 4 cm in 32 y/o - management **(W-17)(S-04)** (Pg. 227)
2. Myomectomy* - principles **(W-15)(S-11)(S-06)** (Pg. 229, 498)

3. Red Degeneration of Fibroid **(W-11)** (Pg. 224)
4. Uterine Fibromyoma - complications **(W-09)** (Pg. 226)

LAQ

1. Uterine Fibroids** - etiology, diagnosis, management; symptoms*, signs; 30 y/o patient with symptomatic Fibroid - management **(S-17)(S-11)(W-04)** (Pg. 221)
2. Myomectomy* - selection criteria; principles, counselling (part) **(W-04)(S-03)** (Pg. 229)
3. Enlargement of Uterus - causes (part) **(S-03)** (Pg. 225)

Chapter 21: Benign Lesions of Ovary

SAQ

1. Ovarian Tumors - classify **(W-19)** (Pg. 237)
2. Dermoid Cyst***** of Ovary* **(W-17)(S-16)(S-15)(S-13)(S-09)(W-08)(W-06)(S-06)(S-05)** (Pg. 239)
3. Parovarian Cyst **(W-16)** (Pg. 246, 31)
4. Benign Ovarian Cyst* - c/f* **(W-10)(S-07)** (Pg. 235)
5. Twisted Ovarian Tumor - treatment **(W-03)** (Pg. 243)

LAQ

1. Ovarian Cyst - types of complications; Twisted Ovarian Cyst - management **(W-09)** (Pg. 243)
2. Benign Ovarian Tumors in 35 y/o - c/f, management **(S-04)**

Chapter 22: Endometriosis and Adenomyosis

SAQ

1. Adenomyosis **(W-19)** (Pg. 265)
2. Chocolate Cyst of Ovary **(S-17)** (Pg. 252)
3. Endometriosis* - medical* treatment/management **(W-08)(W-06)** (Pg. 253)

LAQ

1. Endometriosis - define; Endometriosis in 28 y/o Infertile patient with Severe Dysmenorrhea - medical & surgical management **(W-15)**

Chapter 23: Premalignant Lesions

SAQ

1. HPV Vaccine* **(S-19)(W-13)** (Pg. 268, 272, 285)
2. Loop Electrosurgical Excision Procedure (LEEP) **(S-18)** (Pg. 269, 273)

3. Paget's Disease **(S-12)** (Pg. 261)
4. Cervical Cancer Screening - methods **(W-03)** (Pg. 265, 90)

LAQ

1. Cervical Intraepithelial Neoplasia - diagnosis, management **(S-15)** (Pg. 265)

Chapter 24: Genital Malignancy

SAQ

1. Krukenberg Tumor **(S-18)** (Pg. 319, 546)
2. Vescicular Mole - follow up after evacuation **(S-14)** (Pg. 302)
3. Carcinoma Cervix*** - FIGO Staging**; predisposing factors **(W-08)(S-07)(W-06)(S-03)** (Pg. 282)

LAQ

1. Malignant Ovarian Tumor - ultrasonography features **(S-20)** (Pg. 309)
2. Ca Endometrium**** - diagnosis, management**; etiology; FIGO staging; Stage IB Ca Endometrium - management; Stage I Ca Endometrium - c/f, investigations, management **(W-17)(W-15)(W-10)(W-08)(S-08)** (Pg. 292)
3. Corpus Cancer Syndrome - define (part) **(W-17)** (Pg. 292)
4. Carcinoma Body of Uterus - diagnosis, management **(S-16)**
5. Carcinoma Cervix*** - etiology, c/f, management; clinical staging**; methods for early detection; Ca Cervix Stage IB*; IIIB - evaluation, management**; c/f **(S-14)(W-12)(S-09)(W-07)** (Pg. 280)
6. Hydatidiform Mole - define; Choriocarcinoma - signs, symptoms, management **(S-12)** (Pg. 298)
7. Ovarian Malignancy/Carcinoma - c/f*, management; Epithelial Ovarian Cancer - diagnosis, management **(W-11)(S-06)** (Pg. 304)
8. Fractional Curettage - add a note (part) **(W-03)**

Chapter 25: Urinary Problems in Gynecology

SAQ

1. Stress Urinary Incontinence - define, tests, management **(W-18)** (Pg. 328)

Chapter 26: Genitourinary Fistula

SAQ

1. Three Swab Test **(W-12)** (Pg. 345)

Chapter 28: Disorders of Sexual Development

SAQ

1. Turner's Syndrome** **(W-15)(S-07)(W-02)** (Pg. 363)
2. Testicular Feminization Syndrome **(S-15)** (Pg. 364)
3. Klinefelter's Syndrome **(W-09)** (Pg. 365)

Chapter 29: Amenorrhea

SAQ

1. Cryptomenorrhea** **(S-18)(S-12)(W-05)** (Pg. 371)
2. Asherman's Syndrome **(S-03)** (Pg. 378, 551)

LAQ

1. Polycystic Ovarian Syndrome - management **(W-13)** (Pg. 378)

Chapter 30: Contraception

SAQ

1. Emergency Contraception***** **(S-20)(S-19)(W-17)(W-14)(W-10)(S-10)(W-06)** (Pg. 404)
2. Combined OC Pills* **(W-19)(W-15)** (Pg. 398)
3. Mirena*/Levonorgestrel-Intrauterine System **(S-18)(S-14)(S-12)** (Pg. 393)
4. Laparoscopic Tubal Sterilization*; Minilap Tubal Ligation **(S-16)(S-13)(S-06)** (Pg. 410)
5. IUCD* - contraindications; complications **(W-13)(W-12)** (Pg. 393)
6. Progesterone as contraceptive **(S-13)** (Pg. 403)
7. Female Condom **(W-12)** (Pg. 412)
8. Contraception for Breast Feeding Woman **(W-12)** (Pg. 403)
9. Injectable Contraceptives **(S-08)**
10. Copper-T **(W-07)**
11. Benefits of Oral Contraceptives **(S-06)** (Pg. 401)
12. Condom **(W-05)** (Pg. 412)
13. Missing Threads of IUCD **(S-05)** (Pg. 396)
14. Barrier Contraception **(W-02)** (Pg. 412)

LAQ

1. Temporary Contraception - methods; IUCD - indications, contraindications **(S-08)**
2. Couple who have completed family size - list of sterilization methods; Explain the Consent to the couple; No-Scalpel Vasectomy - write in brief **(W-02)** (Pg. 406)

Chapter 31: Radiotherapy, Chemotherapy, Immunotherapy and Gene Therapy

SAQ

1. Tumor Markers* in Gynaecology **(W-19)(S-09)** (Pg. 431, 311)
2. Methotrexate **(S-10)** (Pg. 427)

Chapter 32: Hormones in Gynecological Practice

SAQ

1. Clomiphene Citrate **(S-17)** (Pg. 440, 199)
2. Danazol **(S-09)** (Pg. 438, 254)

Chapter 34: Special Topics

SAQ

1. Hirsutism* **(W-18)(W-09)** (Pg. 473)
2. Post-Menopausal Bleeding** - evaluation; causes **(S-18)(W-13)(S-05)** (Pg. 462)
3. Leucorrhea **(W-17)** (Pg. 456)

LAQ

1. Lump in Lower Abdomen*; 18 weeks Lump in Abdomen arising from pelvis in 40 y/o woman - D/D**;
management **(S-18)(W-07)(S-05)** (Pg. 470)
2. Post-Menopausal Bleeding**** PV - causes***; investigations* (part) **(S-16)(W-15)(W-10)(S-08)(W-03)**
(Pg. 462)
3. 38 y/o woman - h/o Chronic Pelvic Pain - evaluation, management **(S-14)** (Pg. 460)
4. Excessive Vaginal Discharge - clinical evaluation **(W-02)** (Pg. 456)

Chapter 35: Operative Gynecology

SAQ

1. Hysterosalpingography **(W-08)** (Pg. 487, 194)
2. Laparoscopy in Gynaecology **(W-05)** (Pg. 506, 101)

LAQ

1. Laparoscopy in Gynaecology - indications **(S-05)** (Pg. 506, 102)

Untitled

SAQ

1. Forniceal Mass in young patient - D/D **(W-04)**
2. Carcinoma-In-Situ **(W-02)**

Obstetrics

1. Ectopic Pregnancy - medical management **(S-20)**
2. Medical Abortion **(W-16)**
3. MTP Act**; First Trimester MTP - methods **(W-12)(W-10)(W-07)(S-03)**
4. Manual Vacuum Aspiration **(W-09)**
5. Ruptured Tubal Ectopic Pregnancy - diagnosis, management **(S-04)**

LAQ

1. 1st Trimester MTP - enumerate methods, describe any one in detail **(W-06)**
2. Woman having 8 weeks Amenorrhea - Abdominal Pain with Vaginal Bleeding - causes; Ruptured Ectopic Pregnancy - confirmation **(W-03)**

Paediatrics

2: Growth

SAQ

1. Microcephaly **(S-20)** (Pg. 36)

Ghai read all first 10 chapters

marrow read childhood symptoms of systems

3: Development

SAQ

1. Normal Motor Development in First Year of life **(W-08)** (Pg. 40)

4: Developmental and Behavioural Disorders

SAQ

1. Pica **(W-11)** (Pg. 57)
2. Thumb Sucking **(S-05)** (Pg. 57)

5: Adolescent Health & Development

SAQ

1. Physiology of Puberty **(S-19)** (Pg. 61)
2. Sexual Maturity Rating for Adolescents **(W-16)** (Pg. 60)
3. Psychological Problems during Adolescence **(W-06)** (Pg. 62)



LAQ

1. Stages of Adolescence; Health Problems of Adolescents **(S-17)** (Pg. 60)

6: Fluid & Electrolyte Disturbances

SAQ

1. Metabolic Acidosis* in children **(S-18)(S-04)** (Pg. 83)



7: Nutrition

SAQ

1. Complementary Feeding* for an infant **(S-20)(W-16)** (Pg. 91)
2. Severe Acute Malnutrition** (SAM) - nutritional [management]*; complications **(S-17)(W-15)(S-08)** (Pg. 97)
3. PEM - classification **(W-04)** (Pg. 94)
4. Nutritional Rehabilitation Center **(S-03)** (Pg. 99)

LAQ

1. Severe Acute Malnutrition (SAM) - define; 18 m/o with SAM - c/f, investigations, management, potential complications **(W-14)** (Pg. 97)
2. Kwashiorkor - etiopathogenesis, c/f, diagnosis, management **(W-11)** (Pg. 96)

8: Micronutrients in Health & Disease

SAQ

1. Vitamin B12 **(S-19)** (Pg. 119)
2. Vitamin D Deficiency **(W-17)** (Pg. 112)
3. Nutritional Rickets** - management **(W-11)(S-06)(W-05)** (Pg. 112)
4. Scurvy* **(W-10)(W-03)** (Pg. 121)
5. Xerophthalmia **(W-09)** (Pg. 110)
6. Vitamin A Deficiency **(W-06)** (Pg. 110)
7. Trace Elements **(S-03)** (Pg. 122)

LAQ

1. Vitamin A Deficiency - WHO classification, management in children **(S-20)** (Pg. 110)

9: Newborn Infants

SAQ

1. Unconjugated Hyperbilirubinemia in a Neonate **(S-20)** (Pg. 168)
2. New Ballard Score Maturational Assessment of Gestational Age **(W-19)** (Pg. 138)
3. Exclusive Breast Feeding; Breast Feeding - advantages **(S-19)(S-12)** (Pg. 145)
4. Neonatal Jaundice*; Neonatal Physiological Jaundice** - treatment* **(W-18)(W-14)(W-09)(W-05)(S-03)** (Pg. 169; 168)
5. Warm Chain* **(W-17)(S-07)** (Pg. 143/145 - Ghai 8th Edition)
6. Neonatal Reflexes **(S-17)** (Pg. 141)
7. Hypothermia in Neonates/Neonatal Hypothermia **(W-16)(S-15)** (Pg. 143)
8. Neonatal Sepsis* - investigations, treatment **(S-14)(S-09)** (Pg. 160)

9. Neonatal Resuscitation Protocol **(S-13)** (Pg. 128)
10. Low Birth Weight Baby - complications **(S-13)** (Pg. 150)
11. Newborn with APGAR Score less than 3 - delivery room resuscitation **(W-12)** (Pg. 127)
12. Hypoglycemia **(W-07)** (Pg. 175)
- 13. Weaning (S-05)**
14. Diaper Rash - define, presentation, treatment **(W-04)** (Pg. 136)
- 15. Micronutrient Supplementation of Breast Milk for LBW Babies (S-04)**
16. Breast Milk - immunological factors **(W-02)** (Pg. 145)

LAQ

1. Low Birth Weight Baby - define, complications; Respiratory Distress Syndrome - management **(S-18)** (Pg. 149,165)
2. Preterm Baby - complications; Preterm Baby with Hyaline Membrane Disease (Respiratory Distress Syndrome*) - c/f*, diagnosis, treatment; management **(S-16)(S-12)** (Pg. 165, 150)
3. Respiratory Distress* in a Newborn* - causes; D/D, management; etiology, c/f(part) **(S-12)(W-08)(W-04)**
4. 28 hour old Newborn - delivered at home - presents with Severe Jaundice - c/f, D/D, management **(S-10)** (Pg. 168)
5. Neonatal Resuscitation* - equipment, steps* **(W-07)(W-02)** (Pg. 126)
6. Normal Newborn Baby - routine care **(S-07)** (Pg. 133)
7. Breast Feeding - techniques, advantages, contraindications, common problems **(W-06)** (Pg. 147)

10: Immunization & Immunodeficiency

SAQ

1. Injectable Polio Vaccine*; Inactivated Polio Vaccine (IPV) **(W-15)(W-13)(W-09)** (Pg. 188)
2. Child with Bite by Rabid Dog - management **(W-14)** (Pg. 198)
3. DPT Vaccine* - adverse effects **(S-14)(S-13)** (Pg. 189)
4. Pulse Polio Program **(S-12)** (Pg. 184)
5. Measles Vaccine **(W-08)** (Pg. 191)
6. Oral Polio Vaccine **(S-08)** (Pg. 186)
7. BCG Vaccine **(S-06)** (Pg. 185)
8. Hepatitis B Vaccine **(W-05)** (Pg. 192)
9. MMR Vaccine **(S-05)** (Pg. 192)
10. Typhoid Vaccine **(W-04)** (Pg. 195)
11. Immunization Schedule for Newborn Baby **(S-04)** (Pg. 186)
12. Universal Immunization Program (UIP) **(W-03)** (Pg. 187)

11: Infections and Infestations

SAQ

1. Dengue Shock Syndrome* - management **(W-19)(W-15)** (Pg. 222)

2. Malaria* - laboratory diagnosis; complications, treatment **(S-16)(S-14)** (Pg. 256)
3. Measles*** - complications*** **(S-16)(W-14)(W-11)(S-07)** (Pg. 211)
4. Fever* in a 3 y/o - classify as per IMNCI guidelines; management **(W-15)(S-07)** (Pg. 206, 782)
5. HIV in children - prevention **(S-15)** (Pg. 230)
6. Mantoux Test* **(W-14)(S-10)** (Pg. 246)
7. Parent to Child Transmission of HIV - prevention **(W-08)** (Pg. 230)
8. Directly Observed Short Term Chemotherapy Strategy **(S-08)** (Pg. 248)
9. Enterobius Vermicularis Infection **(W-05)** (Pg. 265)
10. Oral Thrush **(S-05)** (Pg. 253)
11. Newer Antimalarials **(S-03)** (Pg. 258)
12. Artemisinin Derivatives **(W-02)** (Pg. 257)

LAQ

1. Fever with Rash* since 4 days in a 3 y/o child - causes*; Measles* - c/f*, complications*, prevention* **(S-18)** (Pg. 208)
2. Primary Complex - define, natural course, investigation, management in a child **(S-15)** (Pg. 244)
3. Dengue Fever - etiopathogenesis, c/f, diagnosis, management **(W-09)** (Pg. 219)
4. Childhood Tuberculosis **(S-04)** (Pg. 243)
5. Enteric Fever - pathology, c/f, complications, management **(S-03)** (Pg. 238)

12: Disorders Gastrointestinal System & Liver

SAQ

1. [Assessment of a Sick Infant with Diarrhoea as per IMNCI Syndromic Approach]* **(W-19)(S-13)** (Pg. 288, 781)
2. Acute Liver Failure - management **(W-18)** (Pg. 312)
3. Viral Hepatitis **(W-17)** (Pg. 310)
4. Revised WHO [Oral Rehydration Solution]***** **(W-11)(S-10)(S-09)(S-08)(W-06)(W-03)** (Pg. 289)
5. Hirschsprung Disease **(S-10)** (Pg. 280)
6. Management of Diarrhoea - Plan C **(W-07)** (Pg. 290)
7. Lactose Intolerance **(W-02)** (Pg. 294)

LAQ

1. Dehydration - four signs; Hypovolumic Shock - management; Oral Rehydration Therapy - advantages, limitations **(S-06)** (Pg. 287)
2. Acute Diarrhoea in children - causes*, management*; c/f, complications **(W-05)(S-05)** (Pg. 287)

13: Hematological Disorders

SAQ

1. Thalassemia** Major* - recent advances in management*; treatment; chelation therapy* **(W-19)(W-13)(S-12)(W-08)** (Pg. 340)
2. Sick Cell Crisis **(S-19)** (Pg. 342)
3. Nutritional Anemias - treatment **(S-18)** (Pg. 335)
4. Hemophilia **(S-17)** (Pg. 351)
5. Iron Deficiency Anemia* - treatment; management **(S-16)(S-12)** (Pg. 333)
6. Haemorrhagic Disease in Newborn* **(W-13)(W-04)** (Pg. 351, 117)
7. Megaloblastic Anemia of Infancy **(W-07)** (Pg. 334)

LAQ

1. Idiopathic Thrombocytopenic Purpura - c/f, investigations, treatment **(W-18)** (Pg. 349)
2. Sick Cell Disease* - enumerate all crises; c/f, management; Vaso-occlusive Crisis - management **(W-17)(W-06)** (Pg. 342)
3. Anemia* - define, classify; causes in children (part) **(W-15)(S-14)** (Pg. 329)
4. Thalassemia* Major*** - investigations*, treatment; c/f**, management***; etiopathogenesis; etiology, pathology; current concepts **(W-15)(W-10)(S-09)(S-08)(S-06)** (Pg. 339)
5. Iron Deficiency Anemia - management **(S-14)** (Pg. 333)
6. Hemolytic Anemia - causes, laboratory diagnosis (part) **(S-09)**
7. Enumerate four conditions that can present with Anemia and Hepatosplenomegaly in 8 m/o infant **(S-06)**
8. 6 y/o boy requires frequent Blood Transfusion - has Hepatosplenomegaly - etiology, diagnosis, treatment **(W-05)**

15: Disorders of Respiratory System

SAQ

1. Acute Severe Asthma in children - management **(S-20)** (Pg. 389)
2. Bronchial Asthma* - preventive therapy; inhalational therapy **(S-18)(W-02)** (Pg. 383; 385)
3. Bronchiolitis **(W-16)** (Pg. 380)
4. Acute Respiratory Tract Infection (ARTI) Programme **(S-07)** (Pg. 380)

LAQ

1. Bronchial Asthma** in children - c/f*, investigations, stepwise management*; classification, pharmacological management; prevention **(W-18)(S-15)(W-09)** (Pg. 382)
2. Pneumonia* in 2 y/o - etiology, c/f, management* **(S-13)(W-04)** (Pg. 377)

16: Disorders of Cardiovascular System

SAQ

1. Patent Ductus Arteriosus **(S-19)** (Pg. 414)
2. Cyanotic Spell in Tetralogy of Fallot - treatment **(S-16)** (Pg. 419)
3. Acute Rheumatic Fever* - Jones' Criteria; management **(W-15)(S-06)** (Pg. 432)
4. Congestive Cardiac Failure*** - management*; symptoms, signs **(S-15)(W-09)(S-07)(W-02)** (Pg. 395)
5. Hypercyanotic Spells* and its Treatment **(S-14)(W-03)** (Pg. 408)
6. Infective Endocarditis - prevention, management **(S-10)** (Pg. 441)

LAQ

1. Tetralogy of Fallot - describe components, Cyanotic Spell - management **(S-20)** (Pg. 417, 408)
2. Acute Rheumatic Fever***** in an 8 y/o child - etiology*, c/f****, management*****; etiopathology*; diagnosis*, prevention; investigation **(W-13)(W-10)(S-09)(W-07)(S-07)(S-03)** (Pg. 430)

17: Disorders of Kidney and Urinary Tract

SAQ

1. Acute Febrile [Urinary Tract Infection]** in 1 y/o child - investigations*; diagnostic approach **(W-18)(S-16)(W-13)** (Pg. 479)
2. Nephrotic Syndrome* - management of first attack; complications **(S-18)(W-05)** (Pg. 474)
3. Acute Glomerulonephritis* - management **(S-17)(W-10)** (Pg. 470)
4. Nocturnal* [Enuresis]* **(S-15)(S-09)(S-06)** (Pg. 499)
5. Vesico-Ureteric Reflux **(W-12)** (Pg. 480)
6. Minimal Change Disease & Acute Post-Streptococcal Glomerulonephritis - compare c/f, laboratory features, complications **(S-06)**

LAQ

1. Acute Glomerulonephritis**** (AGN) in 5 y/o* child weighing 15 kgs - define*, c/f**, D/D; investigations*, treatment*; management*, complications; pathology; etiology, diagnosis **(W-19)(W-15)(S-13)(S-08)(S-05)** (Pg. 469)
2. Anasarca in Children - causes (part) **(S-19)**
3. Nephrotic Syndrome**; First Attack of Minimal Change NS - c/f****, diagnosis, management***; define; etiopathogenesis, investigations*; pathology **(S-19)(W-16)(S-16)(W-03)** (Pg. 472)
4. Haematuria** - define; causes in 7 y/o; evaluation in 5 y/o (part) **(W-17)(W-15)(W-14)** (Pg. 466)
5. Acute Post-Streptococcal Glomerulonephritis** - c/f, laboratory findings, management**; investigations **(W-17)(W-14)(W-04)** (Pg. 469)
6. Acute Nephritic Syndrome - definition, etiology, c/f, investigations, management **(W-12)** (Pg. 469)

18: Endocrine & Metabolic Disorders

SAQ

1. Diabetic Ketoacidosis* - fluid management; treatment **(S-20)(W-13)** (Pg. 547)
2. Congenital Hypothyroidism **(W-19)** (Pg. 511)
3. Cretinism **(W-06)** (Pg. 515)

LAQ

1. Hypothyroidism in children - c/f, investigations, management **(W-02)** (Pg. 511)

19: Diseases of Central Nervous System

SAQ

1. Cerebral Palsy - definition, classification **(S-18)** (Pg. 565)
2. Febrile Seizures*; Atypical Febrile Seizures; Febrile Convulsions** - management **(S-15)(S-13)(S-12)(W-06)(S-05)(S-04)** (Pg. 554)
3. Pyogenic Meningitis - laboratory diagnosis **(S-14)** (Pg. 562)
4. Child with Generalized Tonic Clonic Convulsion - management **(W-10)** (Pg. 556)
5. Cerebrospinal Fluid Examination **(W-09)** (Pg. 562)
6. Breath Holding Spell** **(S-08)(W-07)(W-04)** (Pg. 555)

LAQ

1. 3 y/o child - fever, recurrent seizures of 1 day duration - causes (part) **(W-19)**
2. Acute [Pyogenic Meningitis]** - investigations*, management**; etiology, c/f **(W-19)(W-13)(W-03)** (Pg. 561)
3. Tubercular Meningitis - etiopathogenesis, c/f, management **(W-16)** (Pg. 562)
4. Convulsions* in children; 5 y/o child - causes; D/D; Status Epilepticus - management **(S-14)(W-03)** (Pg. 553)
5. 2 y/o male child - fever, altered sensorium, seizures - etiology, D/D, management, complications **(W-12)** (Pg. 554)
6. Typical Febrile Convulsion - describe, stepwise management, prevention **(W-11)** (Pg. 553)

20: Neuromuscular Disorders

SAQ

1. Guillian Barre Syndrome* - clinical presentation **(S-17)(W-16)** (Pg. 585)
2. Acute Flaccid Paralysis* (AFP) Surveillance **(W-10)(W-03)** (Pg. 586)

LAQ

1. Acute Flaccid Paralysis** in children/4 y/o child - causes; D/D, management; define, classification; AFP Surveillance **(S-19)(W-08)(S-04)** (Pg. 586)
2. Acute Guillian Barre Syndrome - diagnosis, management **(S-19)** (Pg. 585)

23: Genetic Disorders

SAQ

1. Down's Syndrome** - antenatal diagnosis **(W-14)(S-10)(S-09)** (Pg. 635)
2. Turner's Syndrome* **(W-07)(S-04)** (Pg. 637)

26: Skin Disorders

SAQ

1. EM - age independent criteria for diagnosis **(W-18)** (Pg. 691)

27: Poisonings, Injuries and Accidents

SAQ

1. Kerosene Poisoning **(W-08)** (Pg. 712)

31: Integrated Management of Neonatal and Childhood Illness

SAQ

1. [Assessment of a Sick Infant with Diarrhoea as per IMNCI Syndromic Approach]* **(W-19)(S-13)** (Pg. 288, 781)
2. Fever in a 3 y/o - classify as per IMNCI guidelines **(W-15)** (Pg. 206, 782)
3. 2 y/o child presenting with Cough and Fever - management as per IMNCI protocol **(W-12)**

LAQ

1. Febrile 3 y/o child at a PHC - IMNCI approach **(S-12)**

32: Rights of Children

SAQ

1. Child Abuse **(W-18)** (Pg. 788)
2. Rights of Children **(W-17)** (Pg. 787)

Untitled

SAQ

1. Anaphylaxis - management **(W-17)**
2. Immunization of a child with Hemophilia **(W-12)**
3. Peripheral Blood Smear Examination **(W-11)**
4. Under-five Clinic **(S-09)**
5. Hydrops Fetalis **(S-03)**

LAQ

1. A previously well 3 y/o child - acute onset fever, cough, breathlessness, refusal to feed - D/D, investigations, management **(S-10)**