

# PSM - I

## Concepts of Health and Disease

SAQ

1. Human Development Index\*\*\*\*\* (Pg. 17)
2. Web of Causation (Pg. 41)
3. Health Care Delivery Indicator (Pg. 27)
4. International Classification of Diseases (Pg. 56)
5. Mental Dimensions of Health (Pg. 15)
6. Iceberg Phenomenon of Disease\* (Pg. 46)
7. Community Diagnosis (Pg. 56)
8. Disability Adjusted Life Years\* (Pg. 26)
9. Epidemiological Triad\* (Pg. 39)
10. Physical Quality of Life Index (PQLI) (Pg. 17)
11. Tertiary Level of Prevention\* (Pg. 48)
12. Levels of Prevention\* (Pg. 47)
13. Community Health (Pg. 54, 724)
14. Primordial Prevention\*\* (Pg. 48)
15. Sentinel Surveillance (Pg. 47)
16. Natural History of Disease\* (Pg. 41)
17. Modes of Intervention (Pg. 49)
18. Indicators of Health (Pg. 24)

## Epidemiology

SAQ

1. Generation Time\* (Pg. 108)
2. International [Death Certificate]\* (Pg. 64)
3. Vaccine Vial Monitor (Pg. 121)
4. Factors Affecting Efficacy of Sterilization (Pg. 143)
5. Concept of Disease Surveillance in Public Health (Pg. 138)
6. Tools of Measurement in Epidemiology
7. Case Control Study\* - confounding factors
8. Chemoprophylaxis (Pg. 137)

9. Community Diagnosis (Pg. 99)
10. Randomization in RCT (Pg. 90)
11. Epidemic - definition, types
12. Isolation and Quarantine (Pg. 132)
13. Direct and Indirect Standardization (Pg. 66)
14. Adverse Effects following Immunization (Pg. 122)
15. Measurement of Morbidity (Pg. 68)
16. Epidemiology - uses
17. Standardized Mortality Ratio (Pg. 67)
18. Odds Ratio (Pg. 81)
19. Population Attributable Risk (Pg. 86)
20. Case Control and Cohort Study - differences
21. Relative and Attributable Risk (Pg. 86)
22. Cold Chain\* (Pg. 117)
23. Epidemic Curve\*\* (Pg. 72)
24. Disinfection\* - types (Pg. 139)
25. Confounding (Pg. 80, 96)
26. Multifactorial Causation of Disease (Pg. 97)
27. Notification of Disease (Pg. 131)
28. Herd Immunity (Pg. 110)
29. RCT - types (Pg. 92)
30. Empiriatrics (Pg. 138)
31. Association and Causation (Pg. 95)

#### LAQ

1. Randomized Controlled Trials\*\*\*\*\* - steps\*, types; planning, conduct with a suitable example; describe briefly; advantages, disadvantages
2. Steps of Investigation of an Epidemic of Suspected Hepatitis A in a Village of Population 10,000 (Pg. 143)
3. Epidemic\*\*\* - define\*\*\*; classify [sub-question]
4. Communicable Diseases - general measures for control with suitable examples
5. Epidemiology\* - define\*, Tools of Measurement in Epidemiology, Case Control Study
6. Investigation of Epidemics\* - describe steps (Pg. 143)
7. Steps in Investigation of an Epidemic of Meningococcal Meningitis
8. Cohort Study - steps
9. Descriptive Epidemiology - describe, uses
10. Epidemiology - uses, give suitable examples

# Screening

## SAQ

1. Concept of Lead Time
2. Screening Test - diagnostic accuracy
3. Criteria for Screening\*\* for a Disease
4. Evaluation of Screening Test (Pg. 152)

## LAQ

1. Lead Time - explain, Screening - types, Screening Test - explain method of evaluating

# Epidemiology of Communicable Diseases

## Chicken Pox

### LAQ

1. Chicken Pox - epidemiology, prevention, control (Pg. 156)

## Measles

### SAQ

1. Measles Vaccination (Pg. 161)

### LAQ

1. Measles - epidemiology, control, prevention

## Rubella

### SAQ

1. RA 27/3 Vaccine (Pg. 164)

## **Influenza**

### *SAQ*

1. Influenza Vaccine
2. Influenza - laboratory diagnosis (Pg. 167)
3. Immunization against H1N1\* (Pg. 171)

## **Diphtheria**

### *SAQ*

1. DPT Vaccine (Pg. 175)

## **Meningococcal Meningitis**

### *SAQ*

1. Meningococcal Meningitis\* - control\* (Pg. 179)

### *LAQ*

1. Epidemic of Meningococcal Meningitis - steps in investigation

## **Tuberculosis**

### *SAQ*

1. False Negative Results of Sputum Smear Microscopy (Pg. 196)
2. MDR - TB\*\*
3. DOTS Strategy
4. TB-HIV Coinfection\*; Interaction (Pg. 217)
5. DOTS Plus

### *LAQ*

1. DOTS Strategy - enumerate components, RNTCP - treatment categories, regimen, Drug Resistant TB in India - factors responsible

## **Poliomyelitis**

### *SAQ*

1. Acute Flaccid Paralysis - surveillance with reference to Polio Eradication (Pg. 223)
2. Eradication of Poliomyelitis - epidemiological basis
3. Strategy of Polio Eradication in India

### *LAQ*

1. Strategy of Polio Eradication in India

## **Viral Hepatitis**

### *SAQ*

1. Hepatitis B Infection - serological markers (Pg. 234)
2. Hepatitis C in India (Pg. 239)

### *LAQ*

1. Steps of Investigation of an Epidemic of Suspected Hepatitis A in a Village of Population 10,000

## **Cholera**

### *SAQ*

1. Carriers in Cholera (Pg. 253)

## **Typhoid Fever**

### *SAQ*

1. Typhoid - carriers (Pg. 257)

### *LAQ*

1. Epidemic of Typhoid Fever - investigations (Pg. 259)

## **Food Poisoning**

### **SAQ**

1. Investigation of Food Poisoning\* (Pg. 262)

### **LAQ**

1. Food Poisoning - define, causative organisms, Food Poisoning episode in a College Hostel - investigate

## **Dengue**

### **SAQ**

1. Dengue Fever - management
2. Dengue Haemorrhagic Fever (Pg. 270)

### **LAQ**

1. Dengue - epidemiology [sub-question]
2. Arboviral Diseases - enumerate classification based on clinical syndrome with two examples each [sub-question]
3. Dengue - epidemiology, clinical manifestation, control
4. Arboviral Diseases prevalent in India - enlist, Classical Dengue Fever - criteria for clinical diagnosis, control measures

## **Malaria**

### **SAQ**

1. Space Sprays against Mosquitoes
2. Insecticide Treated Bed-Nets for Malaria Control

### **LAQ**

1. Urban Malaria - prevention\*, control\*
2. Malaria Control in India - approaches, strategies (Pg. 287)
3. Malaria\* in India - epidemiology\*, prevention\*, control\*; Measures Implemented for International Travelers

## **Lymphatic Filariasis**

SAQ

1. Assessment of Filaria Control Programme (Pg. 299)

## **Rabies**

SAQ

1. Control of Rabies in Dogs (Pg. 306)
2. Post-Exposure Prophylaxis in Animal Bites
3. Intradermal Vaccination against Rabies (Pg. 305)
4. Abbreviated Intramuscular Regime of Anti-Rabies Prophylaxis (Pg. 305)

LAQ

1. Rabies in India - epidemiology, prevention, control

## **Yellow Fever**

SAQ

1. Yellow Fever Vaccine

## **Chikungunya Fever**

SAQ

1. Chikungunya Fever (Pg. 315)

## **Scrub Typhus**

SAQ

1. Scrub Typhus (Pg. 327)

## **Leishmaniasis**

SAQ

1. Aldehyde Test of Napier

## **Tetanus**

SAQ

1. Neonatal Tetanus - prevention

## **Leprosy**

SAQ

1. Lepra Reaction (Pg. 351)

## **STD**

SAQ

1. Syndromic Approach for Urethral Discharge of of Male Patient

## **Yaws**

SAQ

1. Yaws in India (Pg. 369)

## **AIDS**

SAQ

1. HIV/AIDS - post-exposure prophylaxis
2. AIDS - transmission (Pg. 374)

LAQ

1. HIV/AIDS - epidemiology, strategies for prevention and control



## **Emerging and Re-Emerging Infectious Diseases**

SAQ

1. Ebola Virus Disease - control and prevention (Pg. 384)

## **Hospital Acquired Infections**

SAQ

1. Hospital Acquired Infections - control measures (Pg. 388)

## **Epidemiology of Non-Communicable Diseases**

### **Coronary Heart Diseases**

SAQ

1. Coronary Heart Diseases - prevention

LAQ

1. Coronary Heart Disease\*\*\* - epidemiology\*\* in India, prevention\*\*\* in India, control; risk factors, magnitude of problem; Stanford Three Community Study - write in brief

### **Hypertension**

SAQ

1. Tracking of Blood Pressure\* (Pg. 404)

### **Rheumatic Heart Disease**

SAQ

1. RHD - primary prevention

LAQ

1. RHD in India - epidemiology, prevention, control (Pg. 409)

## **Cancer**

### *SAQ*

1. Cancer\* - prevention; primary prevention\* (Pg. 415)
2. Cancers - multifactorial etiology (Pg. 414)
3. Cancer Cervix - prevention (Pg. 417)
4. Screening for Breast Cancer (Pg. 416)

### *LAQ*

1. Common Cancers in India - factors responsible for causation, control measures
2. Oral Cancers in India - epidemiology, prevention, control (Pg. 416)

## **Diabetes**

### *SAQ*

1. Diabetes - role of screening
2. Diabetes Mellitus - risk factors (Pg. 423)

### *LAQ*

1. Diabetes Mellitus - epidemiology, interventions for prevention and care

## **Obesity**

### *SAQ*

1. Indicators for Assessing Obesity; Assessment of Obesity\*\* (Pg. 428)
2. Body Mass Index (BMI) (Pg. 428)

### *LAQ*

1. Obesity\* - epidemiology\*, prevention\*, control\*; assessment in Indian Community

## **Visual Impairment and Blindness**

### *LAQ*

1. Causes of Blindness in India [sub-question] (Pg. 431)

## **Accidents and Injuries**

### **SAQ**

1. Road Traffic Accidents - prevention (Pg. 439)

### **LAQ**

1. Accidents - define, enumerate types\*, Road Traffic Accidents - risk factors, prevention\*; control

## **Medicine and Social Sciences**

### **SAQ**

1. Operational Research (Pg. 752)
2. Social Defense\* (Pg. 729)
3. Socio-Economic Status Scale (Pg. 745)
4. Acculturation (Pg. 728)
5. Social Pathology (Pg. 729)
6. Functions of Family\* (Pg. 740)
7. Doctor Patient Relationship\*\* (Pg. 748)
8. Factors Affecting Learning (Pg. 732)
9. Community Health (Pg. 54, 724)
10. Social Security Measures in Health (Pg. 758)
11. Cultural Features in Health and Disease\*\* (Pg. 742)
12. Socialization of a Person (Pg. 726, 741)
13. Hospital Sociology (Pg. 747)
14. Primary Social Relationship

### **LAQ**

1. Doctor-Patient Relationship (Pg. 748), Consumer Protection Act in relation to Medical Services (Pg. 750)
2. Role of Family in Health and Disease - describe, give examples (Pg. 740)

## **Environment and Health**

### **SAQ**

1. Arthropod-Borne Diseases - modes of transmission (Pg. 828)
2. Standards of Ventilation (Pg. 798)

3. Sanitation Barrier\*\* (Pg. 816)
4. Control of House-Flies
5. Space Sprays against Mosquitoes (Pg. 833)
6. Indicators/Indices of Thermal Comfort\*
7. Swimming Pool - associated health hazards (Pg. 788)
8. Vector Control - general principles (Pg. 828)
9. Safe and Wholesome Water (Pg. 766)
10. Air Pollution - hazards, prevention
11. Hazards of Radiation\* (Pg. 804)
12. Control of Rodents (Pg. 846)
13. Oxidation Pond (Pg. 825)
14. Presumptive Coliform Test\*\* (Pg. 786)
15. Septic Tank (Pg. 820)
16. Methods for Removal of Hardness of Water (Pg. 787)
17. Slow Sand Filtration (Pg. 771)
18. Effect of Climate Change on Health (Pg. 806)
19. D.D.T. (Pg. 843)
20. Hazards of Noise\*; Noise Exposure - effects (Pg. 802)
21. Well Water - disinfection
22. Zoonoses (Pg. 847, 301)
23. Sanitary Well (Pg. 769)
24. Heat Stroke (Pg. 807)
25. Orthotolidine Test (Pg. 775)
26. Toxicity of Insecticides (Pg. 845)
27. Overcrowding (Pg. 812)

#### LAQ

1. Noise - enumerate sources, Noise Exposure - effects, Noise Pollution - measures for control
2. Air Pollution\*\*\*\* - sources\*\*, indicators, causative factors\*, measures for control\*\*\*; health effects\*/hazards\*\*, prevention\*\*\*; define, monitor
3. [Safe and Wholesome Water - define, Water Borne Diseases - enumerate\*, Purification of Water on a Small Scale - detail]\*
4. Disposal of Solid Wastes in Urban Areas (Pg. 814)
5. Water Purification in an Urban Area - describe (Pg. 771)
6. Healthful Housing - enumerate criteria, Diseases Associated with Poor Housing Conditions (Pg. 810)
7. Sanitation Barrier - define, labelled diagram, how it helps in prevention of diseases with suitable examples
8. Drinking Water - describe quality and standards

## **Genetics and Health**

### *SAQ*

1. Human Genome Project (Pg. 887)
2. Genetic Disorders - health promotion measures
3. Sickle Cell Anemia\* (Pg. 885)
4. Genotype and Phenotype (Pg. 882)
5. Population Genetics (Pg. 888)
6. Human Genome Diversity Project (Pg. 887)
7. Genetic Counseling\*\*\* (Pg. 889)
8. Eugenics\*\* (Pg. 888)

## **Health Information and Basic Medical Statistics**

### *SAQ*

1. Alpha and Beta Error
2. Bar Charts
3. Measures of Central Tendency\*\*\*\*
4. Measures of Dispersion
5. Normal Distribution Curve\* (Pg. 912)
6. Chi-Square Test (Pg. 915)
7. Sampling Errors\*\* (Pg. 913)
8. Histogram\* (Pg. 908)
9. Null and Alternate Hypothesis in Tests of Significance\* (Pg. 913)
10. Methods of Sampling
11. Health Information System (Pg. 902)
12. Relative Deviate (Pg. 912)

### *LAQ*

1. Measures of Dispersion - enumerate, Standard Deviation - write in detail

## **National Health Programmes**

### *SAQ*

1. Behavioural Change Communication (Pg. 451)

### **LAQ**

1. Vector Borne Diseases - enumerate, Integrated Vector Control Strategy (Pg. 450)
2. Integrated Vector Control - role in Prevention Strategies for Common Vector Borne Diseases in India like Malaria
3. National Blindness Control Programme - revised strategy, Vision 2020 - short note (Pg. 473, 474)

## **Demography**

### **LAQ**

1. Medical Termination of Pregnancy - explain, Impact of Liberalization of Abortion (Pg. 557)

## **Hospital Waste Management**

### **SAQ**

1. Health Care Waste - health hazards (Pg. 850)
2. Hospital Waste - classification and safe disposal (Pg. 853)

## **Disaster Management**

### **SAQ**

1. Triage\* in Disaster Management (Pg. 847)

### **LAQ**

1. Disaster and Hazard - define, Earthquake - steps in public health management

## **Occupational Health**

### **SAQ**

1. Hazards of Radiation\* (Pg. 870)

*LAQ*

1. Pneumoconiosis - define, Silicosis - epidemiology, prevention, control (Pg. 867)

## **Mental Health**

*SAQ*

1. Smoked Tobacco Products - health effects

*LAQ*

1. Warning Signals of Poor Mental Health - enlist, Mental Health - causes, Alcoholism - preventive, control measures

## **Health Care of the Community**

*LAQ*

1. Primary Health Care - components, principles

## **Unidentified**

*SAQ*

1. Deprofessionalization of Medicine\*
2. Health Hazards of Urbanization
3. Intrinsic and Extrinsic Incubation Period - differentiate
4. Under-Five Clinic
5. Problem Families Oral Rehydration Therapy
6. Active Surveillance
7. HPV Vaccine

*LAQ*

1. Water-Borne and Food-Borne Epidemic - explain features with an example

# PSM - II

## Health Programmes in India

### SAQ

1. Vision 2020
2. Integrated Counseling and Testing Center\*
3. Janani Shishu Suraksha Karyakram (JSSK)
4. Village Health Sanitation Committee (Pg. 486)
5. Tobacco Control Legislation
6. Integrated Management of Neonatal and Childhood Illness (IMNCI)\*\* (Pg. 497)
7. Janani Suraksha Yojana\*\*
8. DOTS - objectives
9. Swajaldhara

### LAQ

1. National Rural Health Mission (Pg. 485)
2. Epidemiology of Blindness - discuss, National Programme for Control of Blindness in India\* - describe\*; Preventable Blindness in India - important causes
3. National Vector Borne Disease Control Programme - enumerate diseases covered, Malaria Control Strategies for Malaria Control in India - describe
4. RNTCP Programme of India\* - describe salient features; three regimens of treatment under RNTCP - enumerate, Changes in RNTCP as compared to NTP, DOTS Strategy - five principles

## Demography and Family Planning

### SAQ

1. Demographic Cycle\*\*\*\* (Pg. 530)
2. Intrauterine Contraceptive Devices (Pg. 546)
3. Declining Sex Ratio in India
4. Pearl Index\* (Pg. 561)
5. Population Pyramid\* (Pg. 533)
6. Dependency Ratio\* (Pg. 535)
7. Post-Coital Contraception
8. High Fertility in India - factors responsible
9. Sex Ratio\* - factors affecting; Prevention Strategies to maintain Sex Ratio



10. Total Fertility Rate (Pg. 540)
11. Cu-T\* (Pg. 547)
12. Post-Conceptional Contraceptive Methods
13. Couple Protection Rate
14. Emergency Contraception\*\*\*\*
15. Male-Pill
16. National Population Policy (Pg. 544)
17. Evaluation of Family Planning

#### **LAQ**

1. Contraceptive Methods\* - classification, enumerate, Permanent Methods of Contraception - describe in detail; Factors Affecting Fertility in India\*
2. Fertility\*\* - define\*\*, High Reproduction Rate in India - various factors, Net Reproduction Rate - define
3. Hormonal Methods of Contraception - describe, advantages, disadvantages
4. Birth Control and Family Programmes - difference, Indicators of evaluating Family Planning Programme

## **Preventive Medicine in Obstetrics, Paediatrics and Geriatrics**

#### **SAQ**

1. Baby Friendly Hospital Initiative\*\*
2. Kangaroo Mother Care\*
3. Integrated Child Development Scheme\*\*\*\*\* - services provided\*\*; beneficiaries
4. Gender Bias\*\* and Girl Child\* (Pg. 640)
5. Road To Health Chart; Growth Chart\*\* - uses
6. Juvenile Delinquency\*\*\* (Pg. 639)
7. Post-Natal Period - complications (Pg. 582)
8. APGAR Score\* (Pg. 584)
9. Health Problems of Aged Population\* (Pg. 650)
10. Perinatal Mortality Rate\* (Pg. 617)
11. Guidelines on Infant and Young Child Feeding (Pg. 593)
12. Maternal Mortality
13. Health Problems in Children (Pg. 601)
14. MCH Care - enumerate indicators
15. Under Five Mortality Rate and its Importance
16. Behavioral Problems in Children (Pg. 639)

17. High Risk Pregnancy
18. Care of Dependent Adults
19. Breast Feeding - advantages

#### LAQ

1. Maternal Mortality Rate - define, causes, preventive and social measures
2. Infant Mortality Rate\*\*\* - define\*\*, enumerate medical causes\*\*, explain prevention\*\* and control\*\*; factors affecting IMR, preventive and social measures to decrease infant mortality
3. Perinatal Mortality\* - define\*, social biological factors associated with it, measures for its prevention\*; PNMR - define, causes, prevention, control
4. Geriatric Age Group - common health problems, Lifestyle and Healthy Aging - write in brief
5. Low Birth Weight in India - epidemiology, prevention and control
6. Adolescents - common health problems, measures to minimize these problems (Pg. 651)
7. Health Problems of School Children\* - discuss, enumerate, School Health Programmes - activities carried out; School Health Services in India - objectives and various aspects
8. Handicapped Children - define, extent of problem, classification, causes, prevention

## Nutrition and Health

#### SAQ

1. Xerophthalmia\* (Pg. 697)
2. Severe Acute Malnutrition and its Management (Pg. 697)
3. Food Fortification\* (Pg. 715)
4. Prevention of Food Adulteration Act (Pg. 715)
5. Epidemic Dropsy
6. Dietary Antioxidants (Pg. 683)
7. Dietary Goals\* (Pg. 694)
8. Endemic Fluorosis\* (Pg. 701)
9. Food Additives (Pg. 714)
10. Vitamin A Deficiency (Pg. 672)
11. Lathyrism (Pg. 701)
12. Reference Protein
13. Milk Borne Diseases
14. Sanitation of Eating Places\*
15. Adulteration of Food
16. Transfatty Acids
17. Prudent Diet

18. Food Preservation - principles and methods
19. Pasteurization of Milk

#### **LAQ**

1. Nutritional Problems in our Country\* - list\*, Vitamin A Deficiency - magnitude of problem, factors associated, prevention
2. Milk Borne Diseases - epidemiology, prevention, control measures
3. Iodine Deficiency - various associated disorders, National Iodine Deficiency Disorders - various activities (Pg. 700); Iodine Deficiency Disorders - epidemiology, control
4. Protein Energy Malnutrition\* - define, classification\*, prevention\*; causes
5. Nutrition Programmes launched by Government of India\* - enumerate, Describe any one in detail (Pg. 717)
6. Nutrition - define, Diet Surveys - enlist different methods, Various Community Nutrition Programmes Acting in India\* - describe
7. Nutritional Anemia - define, epidemiology, prevention

## **Medicine and Social Sciences**

#### **SAQ**

1. Socio-Cultural Factors - role in health and disease (Pg. 742)

## **Hospital Waste Management**

#### **SAQ**

1. Health Care Waste - health hazards\*\*\*

## **Disaster Management**

#### **SAQ**

1. Disaster Cycle
2. Earthquake - precautions to reduce effects
3. Triage\*\* in Disaster Management (Pg. 857)

# Occupational Health

## SAQ

1. Pneumoconiosis
2. Agriculture Workers - occupational hazards\*\*\*
3. Sickness Absenteeism\*\*\*\*\*
4. ESI Act 1948\*\* - benefits\*
5. Prevention of Occupational Diseases - enumerate medical measures
6. Radiation Hazards
7. Farmer's Lung
8. Silicosis
9. Bagassosis
10. Health Problems due to Industrialization

## LAQ

1. Occupational Health - define\*\*, Health Protection of Workers - enumerate measures, Role of Factory Medical Officer in Prevention of Occupational Diseases
2. Pneumoconiosis\*\* - define\*\*, Asbestosis - epidemiology, preventive measures; Pneumoconiosis - classify types common in India, Silicosis - describe
3. Employees State Insurance Act 1948\* - scope, administration, benefits; Legal Provisions for Working People - enumerate, ESI Act - describe provisions
4. Occupational Health - define, Prevention of Occupational Diseases - medical and engineering measures
5. a) Ergonomics - define  
b) Occupational Lung Diseases - enumerate  
c) Engineering measures to prevent Occupational Diseases
6. Approaches to Promote Occupational Health - describe in detail
7. Occupational Diseases - measures for prevention\*; Medical, Engineering, Legislative Measures to prevent and control

# Mental Health

## SAQ

1. Drug Addiction\* - approaches for management and prevention (Pg. 900)
2. Drug Abuse
3. Warning Signs of Poor Mental Health\*\*\*
4. Smoking - adverse health effects
5. Mental Ill Health - causes\*

6. Characteristics of Mentally Ill Person
7. Mental Health - causes
8. Characteristics of Mentally Healthy Person
9. Symptoms of Drug Addiction

#### LAQ

1. Mental Illnesses - types, causes, prevention

## Communication for Health Education

#### SAQ

1. Health Education\*\* - principles\*; models
2. Symposium and Workshop (Pg. 928)
3. Barriers of Communication\*\*\* (Pg. 919)
4. Health Communication\*\*\* - components; functions\*\*
5. Group Discussions - limitations
6. The Community Process (Pg. 917)
7. Demonstration\* (Pg. 927)

#### LAQ

1. Health Communication\* - enumerate/describe
2. different methods\*, approaches
3. Health Education\*\*\* - define\*\*\*, approaches\*\*\*, models; principles\*\*; aims, objectives

## Health Planning and Management

#### SAQ

1. Bhore Committee\*\* (Pg. 937)
2. Panchayati Raj\* System (Pg. 944)
3. Planning Cycle\*\* - enumerate stages
4. Kartar Singh Committee - recommendation
5. Network Analysis\*\*\* in Health Management - write in brief (Pg. 935)
6. Cost Benefit Analysis (Pg. 934)
7. PERT\*\* (Pg. 935)
8. Work Sampling\*
9. Evaluation of Health Services - basic steps (Pg. 946)

### LAQ

1. Planning Cycle - describe in detail
2. What is Management, Management Methods and Techniques - enumerate, Network Analysis in detail

## Health Care of the Community

### SAQ

1. ASHA\*\* - enumerate six duties; responsibilities
2. Anganwadi Worker\*
3. Principles\*\*\* of Primary Health Care (Pg. 951)
4. Role of Voluntary Sector in Health Care Delivery
5. Health Insurance in India (Pg. 977)
6. Primary Health Care - elements (Pg. 951)
7. First Referral Unit - services provided
8. Voluntary Health Agencies - functions\*
9. Primary Health Care - Intersectoral Coordination
10. Appropriate Technology for Health (Pg. 952)
11. Female Health Worker - functions\*
12. Health Worker Male - job functions

### LAQ

1. a) Health For All - define (Pg. 952)
1. b) Health Problem of India - describe (Pg. 955)
2. Primary Health Care\*\*\*\*\* - define\*\*\*\*\*, principles\*\*\*\*\*, elements\*\*; functions\*; Various Factors or Agencies Health Care in India\* - enumerate
3. ASHA - describe role in Public Health Delivery
4. Various Roles in which Volunteers from the Community help in implementing National Health Programmes - describe in brief

## International Health

### SAQ

1. UNICEF\*\*\* - activities in India\*
2. WHO\*\*\*\*\* - functions\*; work
3. Food and Agriculture Organization\*\* (Pg. 986)
4. Rockefeller Foundation - activities in India\*

5. Ford Foundation

## **Concepts of Health and Disease**

*LAQ*

1. Impairment, Disability, Handicap - differentiate, Rehabilitation under Tertiary Prevention - explain types, suitable examples

## **Non Communicable Diseases**

### **Cancer**

*SAQ*

1. Cancer Registry (Pg. 415)

## **Millennium Development Goals to Sustainable Development Goals**

*SAQ*

1. Health Related Millennium Development Goals\*\* - enumerate

## **Principles of Epidemiology and Epidemiological Methods**

*SAQ*

1. Ice-Lined Refrigerator
2. Vaccine Vial Monitor
3. Approaches for Immunization

# Ophthalmology

## Errors of Refraction and Accommodation

### SAQ

1. Astigmatism\*\* (Pg. 42)
2. Myopia in 20 Year Old Male - various treatment options
3. Aphakia (Pg. 37)
4. Hypermetropia\*\* (Pg. 34)
5. Myopia\*\*\*\*\* - management; treatment options (Pg. 41)
6. Presbyopia\* (Pg. 47)

## Diseases of Conjunctiva

### SAQ

1. Trachoma\*\*
2. Spring Catarrh/Vernal Catarrh\*
3. Vernal Conjunctivitis (Pg. 79)
4. Allergic Conjunctivitis (Pg. 78)
5. Ophthalmia Neonatorum (Pg. 76)

### LAQ

1. Conjunctivitis\* - types, etiological classification, Vernal Conjunctivitis\* - clinical features\*, management\*
2. Trachoma - define, symptoms, signs, management

## Diseases of Cornea

### SAQ

1. Corneal Opacities
2. Dendritic Ulcer
3. Viral Keratitis (Pg. 107)
4. Penetrating Keratoplasty (Pg. 136)
5. Bacterial Corneal Ulcer\*\* - principles of treatment



#### LAQ

1. Bacterial Corneal Ulcer\*\*\*\*\* - stages\*, clinical features\*\*\*\*\*, management\*\*\*\*\*; etiology\*, complications\*\*; etiopathogenesis; signs, symptoms, investigations, treatment; Impending Corneal Perforation - management
2. Non-Healing Corneal Ulcer - enumerate causes, Fungal Corneal Ulcer\* - etiology, clinical features\*, investigations, management\*
3. Hypopyon Corneal Ulcer\* - define, etiology\*, clinical features\*, management; treatment; complications, signs, symptoms(Pg. 102)
4. Anatomy of Cornea [sub-question]

## Diseases of Sclera

#### SAQ

1. Pterygium\*\*\* (Pg. 87)
2. Staphyloma (Pg. 144)

## Diseases of Uveal Tract

#### SAQ

1. Acute Anterior Uveitis\*\* - clinical features, treatment; management (Pg. 159)
2. Keratic Precipitates (Pg. 154)
3. Festooned Pupil (Pg. 156)
4. Acute Iridocyclitis

#### LAQ

1. Acute Iridocyclitis/Anterior Uveitis\*\* - etiopathogenesis\*, clinical features\*\*, management\*\*
2. Applied Anatomy of Uveal Tract [sub-question] (Pg. 146)
3. What is Iridocyclitis [sub-question]

## Diseases of Lens

#### SAQ

1. Intra-ocular Lens\* - types (Pg. 207)
2. Traumatic Cataract

3. Phacoemulsification Cataract Surgery (Pg. 203)
4. Complicated Cataract\* (Pg. 194)
5. Hypermature Cataract (Pg. 189)

#### LAQ

1. Senile Mature Cataract\*\* - management\*\*, investigations, surgical complications; Senile Cataract\*\*\* - etiopathogenesis\*, clinical features\*\*, management\*; investigations, treatment; enumerate stages
2. Cataract Surgery - post-operative complications\*; Late Post-Operative Complications, Various Techniques of Cataract Surgery with Merits and Demerits of each; Preoperative Investigations
3. Cataract\* - classify\* [sub-question]
4. Congenital Cataract - types, management

## Glaucoma

#### SAQ

1. Open Angle Glaucoma - management
2. Secondary Glaucoma
3. Primary Open Angle Glaucoma - field changes
4. Acute Congestive Glaucoma/Angle Closure Glaucoma\*\*\* - management\* (Pg. 239)
5. Glaucoma - medical management
6. Buphthalmous (Pg. 226)

#### LAQ

1. Primary Open Angle Glaucoma\*\*\*\* - stages, clinical features\*\*\*\*, treatment\*\*\*\*; etiopathogenesis, field changes
2. Acute Congestive Glaucoma/Angle Closure Glaucoma/Primary Narrow Angle Glaucoma\*\*\*\*\* - diagnosis, management\*\*\*\*\*, clinical features\*\*\*\*\*; etiopathogenesis\*; signs, symptoms
3. Glaucoma\* - define\*, classify [sub-question]
4. Primary Narrow Angle Glaucoma - clinical features of all stages [sub-question]

## Diseases of Retina

#### SAQ

1. Diabetic Retinopathy\*\*\*\*\* - classification

2. Retinoblastoma\*\* - management
3. Retinal Detachment (Pg. 298)
4. Retinopathy in Toxaemia of Pregnancy

## **Neuro-Ophthalmology**

### *SAQ*

1. Papilloedema (Pg. 323)
2. Consecutive Optic Atrophy
3. Amblyopia (Pg. 320)

### *LAQ*

1. Optic Neuritis - clinical features, differential diagnosis, treatment (Pg. 317)

## **Disorders of Ocular Motility**

### *SAQ*

1. Paralytic Squint\* and Concomitant Squint\*\* - differences\*
2. Esotropia\* (Pg. 348)

## **Disorders of Eyelids**

### *SAQ*

1. Ectropion
2. Hordeolum Externum/External Hordeolum\* (Pg. 367)
3. Chalazion (Pg. 368)
4. Entropion (Pg. 371)

## **Diseases of Lacrimal Apparatus**

### *SAQ*

1. Chronic Dacryocystitis\*\*
2. Congenital Dacryocystitis\* (Pg. 392)
3. Acute Dacryocystitis

**LAQ**

1. Chronic Dacryocystitis - clinical features, treatment

## **Ocular Injuries**

**SAQ**

1. Sympathetic Ophthalmia\* (Pg. 437)
2. Effect of Blunt Injury on Crystalline Lens (Pg. 430)
3. Rosette Cataract\* (Pg. 430)

**LAQ**

1. Blunt Trauma to Eye - describe ocular manifestations, management (Pg 428)

## **Ocular Pharmacology**

**SAQ**

1. Timolol Maleate Eye Drops\* - MOA, indications, dosage, contraindications (Pg. 450)
2. Topical Prostaglandin Analogues in Management of Glaucoma - name, side effects (Pg. 236, 453)
3. Cyclopentolate (Pg. 572)
4. Atropine\*\* (Pg. 572)
5. Anti-Fungal Drugs (Pg. 448)

## **Systemic Ophthalmology**

**SAQ**

1. Vitamin A Deficiency\* (Pg. 467)

## **Community Ophthalmology**

**SAQ**

1. Vision 2020 - briefly discuss (Pg. 482)

# Clinical Methods in Ophthalmology

*LAQ (all sub-questions)*

1. Painless Progressive Diminution of Vision\* - common causes; enumerate causes
2. Redness of Eyes\* - causes\*, how to differentiate; Acute Red Eye\*\*\* - causes\*; differential diagnosis\*
3. Sudden Loss of Vision - enumerate causes
4. Gradual Painless Loss of Vision - causes
5. Epiphora - causes

## Darkroom Procedures

*SAQ*

1. Subjective Refraction

## Unidentified

*SAQ*

1. Cosmetic Contact Lenses

*LAQ*

1. Nodule at Limbus - differential diagnosis

# ENT

## Ear

### Anatomy of Ear

SAQ

1. Right Tympanic Membrane - draw and label

LAQ

1. Anatomy of Middle Ear\* - describe\*

### Peripheral Receptors and Physiology of Auditory and Vestibular Systems

LAQ

1. Physiology of Hearing - describe in brief

### Assessment of Hearing

SAQ

1. Pure Tone Audiometry (Pg. 25)
2. Rinne's Test (Pg. 24)
3. Absolute Bone Conduction Test (Pg. 24)

### Hearing Loss

SAQ

1. Noise Induced Hearing Loss (NIHL)
2. Ototoxicity\* (Pg. 35)

*LAQ*

1. Conductive Hearing Loss\*\*\* - enumerate causes\*\*\* [sub-question]

## **Assessment of Vestibular Functions**

*SAQ*

1. Bithermal (Caloric Test)\*\*

*LAQ*

1. Vertigo - causes, investigations, management

## **Disorders of Vestibular Functions**

*LAQ*

1. Vertigo - causes, investigations, management

## **Diseases of External Ear**

*SAQ*

1. Malignant Otitis Externa\*\* (Pg. 55)
2. Keratosis Obturans (Pg. 58)
3. Otomycosis (Pg. 55)
4. Otitis Externa (Pg. 54)
5. Aural Syringing (Pg. 56)

## **Disorders of Middle Ear**

*SAQ*

1. Acute Otitis Media

*LAQ*

1. Acute Suppurative Otitis Media\*\* - etiology\*, stages, management\*; clinical features\*; etiopathogenesis

2. Secretory Otitis Media - etiology, symptoms, signs, management (Pg. 69)

## **Cholesteatoma and Chronic Otitis Media**

### *LAQ*

1. Cholesteatoma\* - etiopathogenesis, clinical features, complications, management; define
2. Safe Type of Chronic Suppurative Otitis Media\*\* (Mucosal Disease) - clinical features\*\*, management\*\*; etiopathogenesis

## **Complications of Suppurative Otitis Media**

### *LAQ*

1. Complications of Otitis Media - enumerate\*, Lateral Sinus Thrombophlebitis\* - write in detail\*
2. Otitis Media - Intracranial and Extracranial complications
3. 3. Unsafe Type of Chronic Suppurative Otitis Media - complications, Otogenic Meningitis - clinical features, management
4. Acute Coalescent Mastoiditis - etiology, pathology, symptoms, management (Pg. 84)

## **Otosclerosis**

### *LAQ*

1. Otosclerosis - clinical features, management

## **Facial Nerve and its Disorders**

### *SAQ*

1. Bell's Palsy

### *LAQ*

1. Topographic Tests in Facial Nerve Paralysis, Surgical Landmarks to Identify Facial Nerve, How Will You Avoid Injury to Facial Nerve during Ear Surgery



## **Meniere's Disease**

*SAQ*

1. Meniere's Disease

*LAQ*

1. Meniere's Disease - etiology, clinical features, management

## **Rehabilitation of the Hearing Impaired**

*SAQ*

1. Bone Anchored Hearing Aid (Pg. 136)
2. Cochlear Implant\* (Pg. 139)
3. Hearing Aids (Pg. 135)

## **Nose and Paranasal Sinuses**

### **Anatomy of Nose**

*SAQ*

1. Lateral Wall of Nose\* (Pg. 149)

### **Nasal Septum and its Diseases**

*SAQ*

1. Septal Hematoma (Pg. 168)
2. Septal Abscess
3. Septal Perforation (Pg. 169)

*LAQ*

1. Deviated Nasal Septum - clinical features, management

## **Acute and Chronic Rhinitis**

SAQ

1. Atrophic Rhinitis\* (Pg. 172)

## **Granulomatous Diseases of Nose**

SAQ

1. Rhinoscleroma\*\*\* (Pg. 175)
2. Rhinosporidiosis (Pg. 177)

## **Miscellaneous Disorders of Nasal Cavity**

SAQ

1. Rhinolith (Pg. 181)
2. Congenital Choanal Atresia (Pg. 183)

## **Allergic Rhinitis**

SAQ

1. Allergic Rhinitis\* (Pg. 188)

## **Vasomotor and Other Forms of Nonallergic Rhinitis**

SAQ

1. Rhinitis Medicamentosa\* (Pg. 191)

## **Epistaxis**

SAQ

1. Little's Area

2. Epistaxis - management (Pg. 199)
3. Posterior Nasal Packing

#### LAQ

1. Epistaxis\*\*\*\* - define\*\*, causes\*\*\*, clinical features, management\*\*\*; differential diagnosis
2. How will you manage a 50 year old male with history of trauma followed by epistaxis?

## Nasal Polypi

#### SAQ

1. Antrochoanal\* and Ethmoidal Polyposis - differences
2. Nasal Polyp
3. Antrochoanal Polyp\*\*

#### LAQ

1. Antrochoanal Polyp\* - etiology, clinical features\*, management\*, Ethmoidal and Antrochoanal Polyposis - differentiate

## Neoplasm of Paranasal Sinuses

#### LAQ

1. Carcinoma of Maxillary Antrum/Sinus\* - etiology, types of classification, clinical features, management\*

## Oral Cavity and Salivary Glands

### Common Disorders of Oral Cavity

#### SAQ

1. Oral Submucous Fibrosis (Pg. 248)

#### LAQ

1. Oral Submucous Fibrosis - clinical features, treatment

# **Pharynx**

## **Anatomy and Physiology of Pharynx**

SAQ

1. Killian's Dehiscence\* (Pg. 269)
2. Waldeyer's Ring (Pg. 269)
3. Fossa of Rosenmuller (Pg. 270)

## **Adenoids and Other Inflammations of Nasopharynx**

SAQ

1. Thornwaldt's Bursa

## **Acute and Chronic Tonsillitis**

SAQ

1. Chronic Tonsillitis (Pg. 294)

## **Head and Neck Space Infection**

SAQ

1. Quinsy/Peritonsillar Abscess\*\*\*\*
2. Ludwig's Angina\* (Pg. 297)
3. Parapharyngeal Abscess\* (Pg. 301)

## **Tumors of the Hypopharynx and Pharyngeal Pouch**

SAQ

1. Pharyngeal Pouch (Pg. 310)

# **Larynx and Trachea**

## **Anatomy and Physiology of Larynx**

*SAQ*

1. Infantile Larynx (Pg. 323)

*LAQ*

1. Functions of Larynx - enumerate [sub-question]

## **Acute and Chronic Inflammation of Larynx**

*SAQ*

1. Rienke's Oedema\* (Pg. 330)
2. Acute Epiglottitis

## **Congenital Lesions of Larynx and Stridor**

*LAQ*

1. Stridor\*\* - define, causes\*\*, management\*; laryngeal causes, clinical picture, signs, symptoms
2. Acute Stridor in One Year Old Child - etiopathogenesis, principles of management

## **Laryngeal Paralysis**

*SAQ*

1. Vocal Cord Paralysis

*LAQ*

1. Left Recurrent Laryngeal Nerve - well labelled diagram of course, causes and management of its paralysis (Pg. 337)
2. Nerve Supply of Larynx - describe, Vocal Cord Paralysis - causes, Add a note on Thyroplasty

## **Benign Tumors of Larynx**

*SAQ*

1. Singer's Nodules/Vocal Nodule\*\* (Pg. 343)

## **Cancer Larynx**

*SAQ*

1. Carcinoma of Glottis

*LAQ*

1. Carcinoma Larynx\* - etiopathogenesis\*, clinical features, management\*; symptoms, diagnosis

## **Tracheostomy and Other Procedures for Airway Management**

*SAQ*

1. Tracheostomy\*\*\*\* - enumerate complications\*\*\*, post-tracheostomy care; indications\*, contraindications
2. Relevant Surgical Anatomy of Trachea - describe [sub-question]

*LAQ*

1. Tracheostomy\*\* - define, indications\*\*, procedure\*\*, complications\*; post-operative management

## **Foreign Bodies of Air Passages**

*SAQ*

1. Foreign Body in Bronchus

*LAQ*

1. Foreign Body Right Bronchus - investigation, management

# **Oesophagus**

## **Anatomy and Physiology of Larynx**

SAQ

1. Deglutition (Pg. 385)

## **Disorders of Oesophagus**

SAQ

1. Plummer Winson Syndrome\* (Pg. 388)

## **Dysphagia**

SAQ

1. Dysphagia - differential diagnosis

## **Foreign Bodies of Food Passages**

SAQ

1. Foreign Body in Oesophagus\*\* (Pg. 395)

# **Recent Advances**

## **Laser Surgery, Radiofrequency Surgery, Hyperbaric Oxygen Therapy and Coblation**

SAQ

1. Laser in ENT\* - indications, advantage (Pg. 401)

# **HIV Infection /AIDS and ENT Manifestations**

SAQ

1. HIV in ENT\*

## **Clinical Methods in ENT**

SAQ

1. Indirect Laryngeal Examination (Pg. 437)
2. Direct Laryngoscopy (Pg. 481)

## **Operative Surgery**

SAQ

1. Rigid Esophagoscopy (Pg. 485)
2. Nasal Endoscopy (Pg. 475)
3. Myringotomy\* (Pg. 453)
4. Bronchoscopy\*; Rigid Bronchoscopy (Pg. 483)
5. SMR Operation - complications (Pg. 471)
6. Post-Tonsillectomy Bleeding (Pg. 489)
7. Functional Endoscopic Sinuse Surgery (Pg. 477)
8. Tonsillectomy - indications
9. Septal Surgery - complications (Pg. 473)
10. Simple Mastoidectomy (Pg. 457)
11. Caldwell-Luc's Operation - indications (Pg. 469)
12. Antral Puncture (Pg. 465)
13. Myringoplasty (Pg. 463)



# Unidentified

## SAQ

1. Sistrunks Operation (Pg. 445)

## LAQ

1. Nasal Obstruction in Children - common causes [sub-question]

# **Forensic Medicine and Toxicology**

## ***Forensic Medicine***

### **Introduction and Legal Procedures**

#### **Courts and Their Powers**

*SN*

1. Subpoena\* (Pg. 5)
2. Cross Examination (Pg. 7)
3. Recording of Evidence in a Court of Law (Pg. 6)

#### **Inquest**

*SN*

1. Inquest

*LAQ*

1. Inquest - types prevalent in India, Medical Examiners System (Pg. 10)

#### **Medical Evidence**

*LAQ*

1. Medical Evidence - define, types, Documentary Evidence - write in detail (Pg. 14)
2. Dying Declaration (Pg. 18)

### **Medical Jurisprudence**

*SN*

1. Privileged Communication\*\* - define, Circumstances where disclosure of professional secrets is justified\*

2. Infamous Conduct\* in professional respect (Pg. 36); Professional Misconduct - define, six examples
3. Functions of MCI (Pg. 28)
4. Euthanasia (Pg. 54)
5. Consent (Pg 50)
6. Vicarious Liability (Pg. 41)
7. Res Ipsa Loquitur\* (Pg. 38)

#### LAQ

1. Negligence in Medical Practice\*\*\* - define, Civil and Criminal Negligence - differentiate\*\*, Defences available to Medical Practitioner against Charge of Negligence\*\*; Essential Elements, Defences against Medical Negligence
2. Duties of a Registered Medical Practitioner\* (Pg 28)
3. Consent in Medical Care - define, classify, Doctrine of Informed Consent - describe in detail

## Identification

### Identification of Living and Dead

#### SN

1. Gustafson's Method of Dental Examination - age determination (Pg. 64)
2. Anthropometry System of Identification (Pg. 71)
3. Forensic DNA Fingerprint\* - describe steps (Pg. 79)

#### LAQ

1. DNA test - four indications, material used, DNA Typing - describe procedure

## Forensic Thanatology

#### SN

1. Adipocere Formation (Pg. 110)
2. Postmortem Cooling\* - role in determination of Time since Death\* (Pg. 95)
3. Brain Stem Death\* - how to diagnose (Pg. 88 Singhal, Pg. 129 Reddy)
4. Cadaveric Spasm\* (Pg. 103)
5. Stiffness in Dead Body - conditions causing, Instantaneous Rigor - describe (Pg. 100, 103)
6. Early Signs of Death - enumerate, Rigor Morris - factors affecting, medicolegal importance (Pg. 94, 100)

7. PM Changes seen by Examination of Eyes, give Medicolegal Importance
8. Suspended Animation (Pg. 87)
9. Late Signs of Death (Pg. 93)

*LAQ*

1. Estimating Time Since Death - different parameters

## **Violent Asphyxial Deaths**

### **Hanging**

*SN*

1. Sexual Asphyxia\* (Pg. 125)
2. Ligature Mark in Hanging

*LAQ*

1. Violent Asphyxial Deaths\* - define\*, classify\*, Complete Typical Hanging\* - PM findings on Face and Neck; Hanging - define, types, PM features of each type
2. Complete Typical Hanging with a Drop using Soft, Stretchable Ligature material - describe

### **Strangulation**

*SN*

1. Garoting - define, enumerate PM findings on Face and Neck (Pg. 129)
2. Death due to Strangulation by a ligature

*LAQ*

1. Strangulation - define\*, types\*, Throttling - PM findings (Pg. 127, 128); Ligature Strangulation - PM findings

### **Suffocation**

*SN*

1. Choking - define, describe (Pg. 134)

## **Drowning**

*LAQ*

1. Drowning - enumerate types, postmortem findings, medicolegal importance

## **Injuries**

### **Mechanical Injuries**

*SN*

1. Suicidal and Homicidal Cut Throat\* - differentiate
2. Shotgun Cartridge - labelled diagram, Ricocheting of Bullet - describe
3. Split Laceration and Incised Wound\* - differences (Pg. 182)
4. Ammunition used in Smooth Bore Guns (Pg. 190)
5. Entry and Exit Wound in Rifled Firearm - differentiate (Pg. 195)
6. Bomb Blast Injuries\*; Mechanism of Injury in Bomb Explosions

*LAQ*

1. Section 44 IPC - define, Mechanical Injuries - classify, Stab Wounds - medicolegal importance
2. Entry Wound of Revolver in a Victim - specific features at different ranges
3. Mechanical Injuries - classify, Contusions

### **Thermal Injuries**

*SN*

1. Joule Burn (Pg. 206)
2. Causes of Death due to Burns

*LAQ*

1. Burns - define, classify\*, Ante-Mortem and (Post-Mortem Burns)\*\* - differentiate, Causes of Death due to Burns\* (Pg. 199); Medicolegal Aspects of Burns
2. Lightning Injury\* - mechanism, Death due to Lightning - autopsy appearances (Pg. 208 Singhal, Pg. 312 Reddy); Lightning Fatalities

## **Regional Injuries**

*SN*

1. Punchdrunk Syndrome (Pg. 268 Reddy)
2. Fracture of Skull\* - classify\*, describe\*

*LAQ*

1. Skull Fractures - five types, causative mechanisms, Estimate Age of Fracture (Pg. 210)
2. Head Injury, Intracranial Injuries

## **Physical Torture**

*SN*

1. Torture - various methods

## **Medicolegal Aspects of Injuries**

1. Defence Wounds (Pg. 194 Reddy, Pg. 225 Singhal)
2. Grievous Hurt\* (Pg. 229)
3. Homicide - define, types (Pg 223)

## **Medicolegal Aspects of Sex, Marriage, Family Planning and Infanticide**

### **Impotence and Sterility**

*LAQ*

1. Impotence and Sterility in both sexes - causes, Artificial Insemination - guiding principles (Pg. 240, 259)

### **Pregnancy**

*SN*

1. Probable Signs of Pregnancy (Pg. 251)
2. Parous and Nulliparous Uterus - differentiate at Post-mortem Examination

3. Pseudocyesis (Pg. 252 Singhal, Pg. 371 Reddy)

## **Infanticide**

*SN*

1. Battered Baby Syndrome (Pg. 280)
2. Sudden Infant Death Syndrome (Pg. 280)

*LAQ*

1. Live Birth - enumerate signs, Hydrostatic Test (Pg. 273, 275)

## **Abortion**

1. MTP Act 1971 (Pg. 265)

## **Sexual Offences**

*SN*

1. Consent in relation to Examination of Victim of Sexual Assault (Pg. 388 Reddy, Pg. 286)

*LAQ*

1. Amended Section 375 IPC - define\*, How will you collect evidences in Victim of Rape\* (Pg. 286)

## **Forensic Psychiatry**

*SN*

1. Testamentary Capacity\* (Pg. 320)
2. Delusion\* - define, types\* (Pg. 312)
3. True and Feigned Insanity\* - differences (Pg. 317)
4. M'Naughten's Rule (Pg. 321)
5. Mentally Ill Person - enumerate civil responsibilities, Testamentary Capacity

LAQ

1. Insanity and Murder (Pg. 320)
2. Personality Disorders - features, Mentally Ill Person - civil responsibilities (Pg. 319)

...

## **Exhumation**

SN

1. Exhumation

## **Artefacts**

SN

1. Post-Mortem Artefacts

## **Viscera Preservation**

SN

1. Negative Viscera Report from Chemical Analyser (Pg. 35 Singhal, Pg. 474 Reddy)
2. Preservation of Viscera for Chemical Analysis (Pg. 35)

## **Unspecified**

SN

1. Hyoid Bone - Medicolegal Importance (Pg. 72, 322, 441 Reddy)
2. Redressal Mechanisms for Civil Negligence - describe
3. "Ideal" Identification Mark
4. Radiography of a Dead Body - indications



# ***Toxicology***

## **General Toxicology**

*SN*

1. Duties of Doctor in Poisoning Cases
2. Chelating Agents in Treatment of Poisoning (Pg. 21)
3. Antidotes (Pg. 20)

*LAQ*

1. Duties of Doctor in cases of Poisoning (Pg. 15)
2. Poisons - classify with examples, Factors Modifying Actions of Poisons on Body - describe (Pg. 9)

## **Corrosives**

*SN*

1. Poisoning by Corrosive Mineral Acids - post-mortem appearance of Stomach
2. Carbolism\*; Carboluria
3. Corrosive Poisons - classify, Vitriolage
4. Oxalic Acid Poisoning - describe

## **Irritants**

*SN*

1. Plumbism\*
2. Treatment of Snakebite Victim

*LAQ*

1. Chronic **Lead** Poisoning\* - sources, clinical features\*, management\*
2. Poisons - classify, Venomous and Non-Venomous **Snake** - differentiate, Cobra Bite - treatment (Pg. 76); Manage a Case of Poisonous Snakebite; Steps for Identification of Poisonous Snake, Viperine Bite - features
3. **Aluminium Phosphide** Poisoning - clinical features, treatment, PM appearances, medicolegal aspects

# Neurotoxic Poisons

## SN

1. **Ethyl Alcohol** Poisoning - symptoms, PM appearances; Alcohol Intoxication - stages
2. Run Amok (Pg. 116)
3. Hallucinogenic Agents - name four, **Cocainism** - describe, medicolegal importance
4. **Methyl Alcohol** Poisoning

## LAQ

1. Classify Poison\*, **Opium** Poisoning\*\* - clinical features\*\*, treatment\*\*, medicolegal importance\*; differential diagnosis, PM features
2. Drunkenness - define, **Methanol** Poisoning - symptoms, treatment
3. **Strychnine** Poisoning - signs, symptoms, differentiate from Tetanus
4. **Barbiturate** Poisoning - symptoms, signs, treatment, medicolegal aspects (Pg. 111)
5. **Organochlorine** - discuss toxicology (Pg. 107)
6. **Organophosphorous** Compound Poisoning - clinical features, treatment, PM findings (Pg. 101)