

1. → Errors of Refraction and accommodation

- SN on Aphakia
- Hypermetropia - types & management
- SN - Myopia
- Discuss the Management, Etiopathogenesis, signs & symptoms and types of Myopia.
- SN - Astigmatism.
- SN - Anisometropia.
- Define Astigmatism & its types & Tx + Cf
- SN - Sturm's conoid.
- SN - Presbyopia.
- Discuss Mx of Aphakia.
- Aphakia, problem related to aphakic glasses & Mx
- Accommodation.

2. → Diseases of conjunctiva

- Spring catarrh or Vernal Kerato Conjunctivitis.
- Xerosis
- Pterygium.
- Describe etiology, S/S & Mx of ophthalmia Neonatorum
- SN - Trachoma.
- SN - Phlyctenular conjunctivitis.
- Discuss Trachoma & its Mx in detail, etiology, Cf, classificaⁿ.
- Angular Conjunctivitis.

3. → Diseases of Cornea.

- SN - Non healing corneal ulcers
- C/r, Mx of various ulcerative keratitis (corneal ulcer)
- Etiology, S/S & Mx of Hypopyon corneal ulcer
- SN - Tx of corneal ulcer.
- Viral Keratitis / Herpes simplex keratitis.
- Corneal ulcer - types & Mx
- Keratocones
- Mx of Bacterial corneal ulcer.

4. → Diseases of Sclera. Scleritis.

5. → Diseases of Iveal Tract.

- Discuss Etiopathogenesis, C/r, Mx of Acute Ant. uveitis.
- Discuss S/S, Mx of Irisocyclitis (acute) + Etiology.

6. → Disease of lens.

- Congenital cataract.
- Cystoid Macular, Edema.
- IOL
- Define & classify cataract. How will you manage a case of senile mature cataract

7. → Glaucoma.

- What is Intraocular Pressure? Different ways of recording of intraocular pressure?
- What is phacolytic glaucoma.
- S/s, Mx of acute congestive glaucoma.
- Primary open angle Glaucoma.
- form & func of Aq. Humor.
- Draw a neat labelled diag. of Anatomy of Angle of Ant. chamber.
- field defect of POAG.
- lens induced glaucoma.
- Etiology, Yf, Mx of Congenital Glaucoma + Goniotomy.
- Tx of acute congestive Glaucoma.

8. → Diseases of Retina.

- Central Serous Retinopathy.
- Diabetic Retinopathy.
- Central Retinal Artery occlusion (CRAO).
- Hypertensive Retinopathy.
- CRAO.
- Retinoblastoma.
- Retinitis pigmentosa.
- Age related Macular degeneration.

9. → Neuro ophthalmology

- Papillitis
- Optic Atrophy
- Amblyopia
- Df b/w optic neuritis & papilloedema.

10. → Disorders of Ocular Motility.

- Heterophoria
- Diff b/w concomitant squint & Paralytic Squint.

11. → Disorders of Eye Lids.

- Entropion.
- Anomalies in posⁿ of lashes & lid. Mx of different types of Entropion.
- Blepharitis.
- Diff b/w squamous & ulcerative Blepharitis.
- Ectropion
- Stye
- Mx of ptosis
- Hordeolum Internum.

12. → Disease of Lacrimal Apparatus.

- Anatomy and Rx of obstruction of lacrimal drainage system at different level.
- Lacrimal apparatus. Abscess
- Congenital Dacryocystitis + Mx
- Acute Dacryocystitis.
- Chronic Dacryocystitis. + Etiology, Cf, Mx
- Dry Eyes.
- Tear film? White layers of tear film?

13. → Disease of Orbit.

Orbital Cellulitis.

14. → Ocular Injuries.

- Siderosis Bulbi
- Traumatic cataract
- Commotio Retinae (Berlin's Edema)
- Sympathetic ophthalmitis
- Concussion cataract.
- Chalcosis
- Effect of contusion injury to Eye
- chemical Injury.
- Alkaline Burn
- Blunt ocular Trauma.

15. → Ocular Pharmacology.

- Antifungal drugs
- β -Blockers in Medical Mx of Glaucoma.
- Newer Anti-Glaucoma Drugs.
- Timolol - Maleate
- Latanoprost.
- Natamycin.
- Atropine.

16. → Systemic Ophthalmology

- Bitot's spot.

17. → Community Ophthalmology.

- Blindness
- Vision 2020.
- Eye Bank.



18. → clinical Method in ophthalmology

- Different way of measure intraocular pressure

19. → Darkroom procedure

- Atropine

- Mucocoele

- How will you diff. b/w a Bacterial Conjunctivitis, acute congestive Glaucoma, & Acute Iridocyclitis.

- Eye Bank.

- Buphthalmos

- Ixis Bombe.

1. Concept of Health and disease.

- Human Developmental Index (17)
- D/B Causative agent factor & risk factors (36+38)
- Determinants of Health, (18)
- SN - Surveillance (40)
- SN - Post exposure prophylaxis
- What are the health indicators? Significance / classify and describe indicators of Quality of life. (23-24)
- D/B - Primary & Secondary prevention.
- Describe natural H/o dis. How will you apply various levels of prevention in relⁿ to diff. stages of dis. cycle, describe 2 suitable Example. (34)
- Describe Natural H/o dis. Mention abt various modes of intervenⁿ that can be practiced during diff. phases of dis., give Ex. (34)
- Definition - Health Education (43)
- Rehabilitation (44+327)
- Sentinel surveillance (40)
- PGLI (17)
- Determinants of Health. Enumerate (18)
- Levels of prevention. Modes of intervenⁿ Ex¹ (41-42)
- Define 1st Health care. Describe organizaⁿ & funcⁿ of primary health centre (29+904)

2. Principles of Epidemiology and Epidemiologic Methods.

- Define Epidemiology. Enumerate various Epidemiological methods. Describe cohort study.
- D/B Intrinsic & Extrinsic Incubation period.
- D/B Index case & Primary case (95)
- SN - surveys.
- D/B - case control & cohort study. (79)

- Define Epidemiology. Describe various uses of Epidemiology & Ex.
- Describe scope and applicaⁿ of Epidemiology in public health (91)
- Describe various steps involved in conducting a case control study.
- SN - Incubation periods (99)
- Definition - Epidemic (93)
- Surveillance (94)
- 2^o attack rate (61+100)
- D/B → Active & Passive surveillance (40, 94, 125)
- Brief - Triple blind trials (83)
- Convalescent convales (96)
- D/B - Incubaⁿ period & window period.
- National Immunisaⁿ schedule (122) (124)
- Cold chain (109) (125)
- SN - Incidence & Prevalence of dis (60-61)
- SN - Attack Rate (61) (69)
- SN - Steps in investigation of Epidemic. (131)
- Define cohort. Various steps of cohort study.

3. Screening for Disease

- SN - Sensitivity & specificity of a screening Test
- D/B → Screening Test & Diagnostic Test (135)
- Defⁿ → screening (135)
- Screening of dis. (135)
- Iceberg phenomenon (135)
- SN - High Risk screening (137)

4. Epidemiology of Communicable Disease

- (a) Mx of Category I pt of TB under DOTS.
- (b) Steps of outbreak investigation.
- Prevention of H₁N₂ flu.
- SM - Rx of vivax Malaria.
- Enumerate → Prevenⁿ and Social measure to lower MMA in M.P.
- ORs (224) / ORT.
- Syndromic Mx of STDs (332)
- Enumerate causative agent of STDs. Discuss factors asso. $\pm$ STDs. Explain syndromic approach for Mx of STD (330)
- Epidemiology of communicable dis (143)
- Describe the Epidemiology of Hep. B, Mention various measures for control of Hep. B (213)
- Polio Eliminaⁿ in India (203 + 208)
- Dengue fever (246)
- Define Epidemiology. Describe Epidemio, prevenⁿ & control of Dengue fever. (246)
- Pulse Polio (209 + 242)
- Def. epidemiology. Describe P/c of Malaria (282)
- Hep. B vaccine (216)
- MDT in case of PB leprosy (322)
- Mode of Transmission of HIV (346)
- DOTS (188)
- Post Exposure prophylaxis in Rabies (278)
- Describe Epidemio of cholera (228)
- What are various Epidemiological indices for TB & Describe strategies under Revised. National TB control program in India (178)
- SM - Anti-Rabies vaccine (278)

- Describe prevention measure for -
 - (i) Malaria (ii) Rabies (iii) HTN.
- Enumerate - Determinants of MMA in M.D.
- Classification & Mx of possible Bacterial Infection.
 - (Jaundice in sick young infant age upto 2 month.
- Epidemiological Indices of TB (118)
- SN - Swine flu (156)
- Mx of Acute Diarrhoea (224)
- SN - Dengue shock Syndrome (246-55)
- Describe Epidemic & control of Acute Respi. Infection
- Write classification & Mx of (ARI) in children (167-16)
- Multidrug therapy in Leprosy (322)
- Measles vaccine (148)
- Define & classify Zoonotic dis. Describe the problem of Rabies in our country. Describe P/c of Rabies in community (276)
- Rx of complicated malaria (263)
- Complication of Measles (148)
- 5. Epidemiology of Chronic Non-communicable Disease and Conditions.
 - Risk factor of CAD
 - Screening for cancer cervix
 - Brief - Danger signals of Cancer (381)
 - SN - Blindness (401)
 - Describe Epidemic & prevention strategies for DM (392)
 - P/c of IHD + Epidemic (369) & (366)
 - Methods of cancer screening (386)
 - Diabetes control programme (392)
 - P/c of Nutritional Blindness (403)
 - Preventive measure of HTN



6. Health programme in India.
- SN - ASHA (449)
 - Brief - National Leprosy Eradication programme (442)
 - IMNCI (456)
 - Enumerate five important National Health Programme & describe in detail about RNTCP of our country. (427)
 - SN - World AIDS Day 2007
 - Describe RNTCP of our country.
 - Enumerate National Health programme, Write various strategies adopted for interrupting the transmission of AIDS/HIV under National control programme (431)
 - Enumerate - Admission criteria in NRC (456)
 - Janani Suraksha Yojana (455)
 - National Rural Health Mission. (448)
7. Demography and family planning.
- SN - Demography cycle
 - SN - OCPs (500)
 - Advantage, C/I & S/E of OCPs (501)
 - SN - MTP act (506)
 - SN - Male Sterilization (509)
 - SN - Act (496)
 - Brief - Sex ratio (482)
 - SN - Condom (494)
 - Enumerate - Advantage & Disadvantages of IUDs
 - Define & write briefly on: family planning (491)
 - Hazards of population Explosion.
 - Define & write brief on - fertility (487)
 - SN - IUCD (495) . Advantage, C/I & S/E of IUCD
 - Brief - female sterilization.
 - What is Demography? Describe demographic charac. of India
 - Emergency contraception.

8. Preventive Medicine in Obs, Pedia & Geriatrics

- Describe various indicators of maternal and child Health Care
- What are imp. causes of infant death. How we can reduce infant death in our country?
- SN - ICDS (590)
- Enumerate → Area potentially amenable to preventive health care in Geriatrics. (594)
- Dis Growth monitoring and National Surveillance.
- Brief - WHO New Growth chart
- Brief - Antenatal care (523) + objectives & Component
- Write prevention of Infant mortality.
- Prevention & cause of Infant mortality.
- Define "IMR". Write imp cause of it in our country.
- How can you reduce infant mortality?
- Significance of IMR. (567)
- WHO New Growth chart (545)
- Define & write briefly on: Maternal mortality.
- Enumerate - Diff aspect of school health services (579)
- Enumerate - Public health Act related to Maternal health
- Define & write Briefly - Perinatal mortality.
- Enumerate - Health problems in Geriatric age. (594)
- How will you manage a case of Pneumonia at periphery in 11 months old child.
- Describe Indicator of child health.

9. Nutrition and Health.

- Write prevention of Iron Deficiency Anaemia (623)
- " —— Iodine Deficiency Disorder (624)
- SN - Balanced diet. (637 + 663)
- SN - Nutritional Surveillance. (651)
- Enumerate → Spectrum of Iodine deficiency disorder. (624)

- Prevention of - (a) Vit. A deficiency. (616 + 641)
- (b) PEM (640)
- Brief - Neuroleptism. (644 + 657)
- - Prevention of Nutritional Anaemia (642)
- D/B - Kwashiorkor & Marasmus.
- D/B - Pasteurization & sterilisation of Milk.
- Prevention & control of PEM. (638)
- ——— // ——— Nutrition Anaemia (623)
- Enumerate - food born disease (657)
- D/B - Growth monitoring & Nutritional Surveillance (60)
- Define & classify Nutrients.
- Discuss in Brief micronutrient important for our health.
- Prevention of IDA during Preg. (625)
- SN - Vit. A. (615)
- Enumerate various nutritional problem of India.
- Brief any two of them.
- Enumerate various method of assessment of Nutritional status of community.
- Describe how will you assess nutritional status of children below 6yr age in a village.

10. Medicine and Social Science.

D/B → Nuclear family and Joint family System (683)

11. Environment and Health.

- SN - Break Point chlorination (715)
- D/B → Hard tick and soft tick (711)
- SN - chlorination (714)
- SN - Rapid Sand filter (713)
- D/B - Rapid & slow sand filter (714)
- SN - Sanitation Barrier.

- Brief - Integrated Vector Control
- Brief - Global warming. (748)
- Enumerate water born dis. Describe Epidemiology & Prevention of Hep. B (710).
- SN - Air pollution (732)
- SN - Prevention of Air pollution.
- SN - Vector Born disease. (768)
- Dis Transmitted by Anopheles Mosquito (769)
- Dis - shallow and Deep well (709)
- Prevenⁿ & control of Noise pollution
- Dis - Head louse & Body louse. (777)
- SN - Mosquito control measures (772)
- What is safe water? Describe criteria and standard of water quality as recommended by WHO.
- Dis - Anopheles & Culex (771)
- Enumerate - Dis transmitted by Anthropods & giving biological name of Anthropod & causative Agent.
- SN - Purification of water at household level (716)
- SN - chlorine tablet (711)
- SN - water Harvesting (730)

12. Hospital Waste Management
Enumerate - Biochemical waste category.

13. Disaster Mx
SN - Triage (746)

14. Occupational health.
- Prevention of occupational Hazards.
 - Define occupational health. What is pneumoconiosis? Describe briefly its various types.
 - SN - ESIS (815)

- Prevention of occupational disease (812)
- Enumerate - common occupational cancer
- P & C of occupational cancer (809)
- ——— Pneumoconiosis (806)
- ——— Radiation Hazards (809)
- Enumerate occupational dis & classification.
- Enumerate - occupational Hazards. Describe legislative measures for prevention of occupational dis. (804+804)
- Pneumoconiosis (806)
- Classify occupational dis.
- SN - occupational cancer (809)

15. Genetics And Health.

SN - Eugenics (827)

16. Health Information and Basic Medical Statistics.

- SN - Normal curve (849) & Normal Distribution.
- SN - Pie diagram (846)
- cluster sampling Technique (849)
- standard deviation (848)
- Histogram.
- Presentⁿ of statistical data
- Sampling methods.
- chi-square Test (852)
- statistical Average.

17. Communication for Health Education.

- Brief - Communication Barrier (856)
- Brief - Communication Process (854)
- Dis - Health Education & Propaganda (859).

18. Health planning and Mx
- SN - Network Analysis (872)
 - Brief - Planning Cycle (869)
 - Enumerate - stage of planning cycle
 - SN - Cost benefit Analysis (871)
19. Health Care of the community.
- Primary Health care
 - Define Primary health care. Write in short principle of PH care
 - Job Responsibility of MPW (♀) (912)
 - Brief - Various models of Health care
 - Elements of PH care (891)
 - Enumerate - Adolescent Health Problems.
 - SN - Sub-Health centre.
 - System of delivery of PH care in rural areas of our country.
 - Describe Health care delivery sys. in India.
20. International Health.
- SN - WHO
 - SN - UNICEF
 - Brief - G.O.B.I - F.F.F.
 - Enumerate International Health Agencies.
 - SN - ILO (928)
 - Red cross (925)



1. → Anatomy of Ear.

- Medial wall of Middle Ear
- Mac-Ewen's Δ

2. → Assessment of Hearing.

- Weber's Test
- Moderated ABC Test.
- Tuning fork test
- Rinne's Test
- classify deafness. What are various test for evaluation of deafness. Enumerate them.
- Pure tone audiometry & its importance.

3. → Hearing loss

- ototoxicity
- What is Deafness? Its Types & their Mx
- Various causes of conductive deafness? Discuss its Mx
- Cause of conductive hearing loss? Describe Tx of Serous otitis Media.
- Presbycusis.

4. → Assessment of Vestibular function.

- fistula Test

5. → Disease of External Ear.

- Tympanotomy
- Keratosis obturans
- Otitis Externa
- Describe in brief about Traumatic perforation of Tympanic memb.
- Otitomycosis
- Wax
- Traumatic perforation of Ear Drum.
- Impacted wax
- Foreign body of Ext. Ear.
- Malignant Otitis Externa.

6. → Eustachian tube and its disorder.

- Eustachian tube Dysfunction.

7. → Disorders of Middle Ear.

- Etiology, CF & Mx of Acute Suppurative Otitis Media.
- Myringotomy
- Etiopathogenesis of Acute necrotizing Otitis Media. & Mx
- Classify Otitis Media. Describe CF & Mx of Acute Suppurative Otitis Media.
- Glue Ear.
- Enumerate complication of Otitis Media. Discuss Mx of Otic Hydrocephalus.

8. → Cholesteatoma and Chronic Otitis Media.

- Cholesteatoma.
- Discuss various complications of CSOM & describe Cf and Mx of unsafe Ear.
- What is cholesteatoma & Mx of 1° Acquired cholesteatoma

9. → Complications of Suppurative Otitis Media.

- Acute Mastoiditis
- What are various complications of Otitis Media & principles of Mx of safe Ear.
- Acute petrositis.
- Otitic Hydrocephalus.

10. → Otosclerosis.

- Otosclerosis
- Describe etiopathogenesis of otosclerosis along with its Cf & Mx
- Schwartz sign
- Paracubis willisii

11. → Facial Nerve and its Disorders.

- Bell's Palsy
- Facial N. palsy.

12. → Meniere's Disease.

- Meniere's Syndrome
- What is Meniere's Disease. Describe its S/s & Mx
 & Etiology

13. → The Deaf child.

- Conductive Deafness.

14. → Rehabilitation of Hearing Impaired.

- Hearing Aid.

15. → Otalgia (Earache)

- Referred otalgia.

16. → Tinnitus ✓

17. → Anatomy of Nose

- Upper Airway obstruction

18. → Physiology of Nose

- function of Nose

19. → Disease of External nose & Nasal vestibule.

- furunculosis of Nasal Vestibule

20. → Nasal Septum and its Diseases

- Describe various Etiology factors responsible for causation of deviated nasal septum & its Mx. & s/s
- What is Little's Area, describe bld supply of Nose & Mx of bleeding of Nose.
- Little's Area.

21. → Acute and chronic Rhinitis

- Atrophic Rhinitis . Etiopathogenesis & Mx
- Various type of Rhinitis . Etiology of Allergic rhinitis & its Mx
- Vasomotor Rhinitis
- Ozaena .

22. → Granulomatous Disease of Nose.

- Rhinosporidiosis
- Rhinoscleroma

23. → Allergic Rhinitis

- Various type of Rhinitis
- Etiology of Allergic Rhinitis and its Mx

24. → Vasomotor and other form of Non-allergic Rhinitis

Vasomotor Rhinitis

25. → Nasal polyp.

- Nasal polyp.
- Diff. b/w antrochoanal & Ethmoidal polyp.
- What are causes of Nasal obstruction, their Mx

26. → Epistaxis.

- Discuss various causes of Epistaxis and its Mx
- Epistaxis - SN
- Bleeding from Nose
- Mx of epistaxis
- Little's Area, Describe bld supply of Nose & Mx of bleeding of Nose

27. → Acute Sinusitis.

- What is maxillary sinusitis. Discuss its S/s & Mx

28. → Benign & Malignant Neoplasms of Nasal Cavity

- Angio-fibroma of Nasopharynx.

29. Tumors of oral cavity.

- Ranula.
- Pre-malignant lesion.

30. → Anatomy and physiology of pharynx

- Waldeyer's Ring.
- Various types of tonsillitis. Discuss their Mx

31. → Adenoids & other inflammⁿ of Nasopharynx

- Adenoid fauces.

32. → Tumors of Nasopharynx

- Juvenile Angiofibroma.

33. → Acute and chronic Tonsillitis

- S/s of chronic Tonsillitis, discuss its Tx & Complications
- Type of Tonsillar infection and discuss their medical & Surgical Mx.
- Facial Diphtheria.
- What are type of tonsillitis. Discuss Mx of membranous Tonsillitis.

34. → Head and Neck Space Infections

- Peritonsillar Abscess
- Ludwig's Angina.

35. → Benign Tumors of Larynx.

- SN - Vocal Nodules

36. → ~~Describe~~ Cancer larynx

- Describe Mx of laryngeal cancer.



37. → Voice and speech disorder.

- Hoarseness of voice.

38. → Tracheostomy & other procedure for Airway Mx

- Tracheostomy.

- Most common indicaⁿ of Tracheostomy?

What are diff type of Tubes used, their advantage and disadvantage over each other.

- Various Respiratory emergencies where Tracheostomy is Required.

- Various type of Tracheostomies. Indicaⁿ & Mx.

39. → Dysphagia.

- Dysphagia

- Causes of Dysphagia

38. → Operative Sx

- Myringotomy.

- Mastoidectomy.

- Myringoplasty.

- Proof puncture.

- Caldwell-Luc Operaⁿ.

- Tonsillectomy - complicaⁿ

39. Others →

- What is upper airway Emergency? Discuss Etiology & Mx

- Glossopharyngeal Neuralgia

- Palatal paralysis

- Atrophic Rhinitis.

- Pain in throat

- Nasal obstruction.

- Aurial syringing

- Mastoid foramen

- Laryngomalacia

- Nerve supply of larynx