

**MS(AYU) SHALAKYA TANTRA
(DISEASES OF EYE, EAR, NOSE, THROAT, HEAD, ORO- DENTISTRY)**

PRELIMINARY – PAPER II

**THEORY – 100 MARKS (3 HOURS)
PRACTICAL AND VIVA VOCE – 100 MARKS**

Part A – 50 marks

1. History and chronological development of Shalakyia Tantra.
2. Establishment and importance of 'Shirasouttamangatwam', 'Nasa Hi shirsodwaram', and 'Sarvendriyanam Nayanam Pradhanam'.
3. Applied Anatomy and physiology of Netra, Karna, Nasa, Mukha with related marmas and disease classification as per Ayurvedic classics.
4. Knowledge of Agropaharaniya in Shalakyia Tantra.
5. Fundamental knowledge of Sterilization and Anaesthesia in Shalakyia Tantra.
6. Swasthvritta related to Shalakyia Tantra.
7. Description of Yantra, Shastra and anushastra related to Shalakyia Tantra.
8. Application of Panchakarma chikitsa in Urdhwajatrugata Vikaras.
9. Applied knowledge of various therapeutic procedures used in Netra rogas
10. Applied knowledge of various therapeutic procedures used in Karna-Nasa-Mukha-Danta and Shirorogas, like Karnaprakshalana, Karna dhoopana, Karnapichu , Karnapoorana , Nasaprakshalan, Nasapichu, Kavala, Gandusha, Pratisarana, Dhoomapana, Shiroabhyanga, Shiropichu, Shirodhara, Shirobasti etc.
11. Knowledge of Vranabandhana (bandaging of wounds) in Shalakyia Tantra.
12. Common classical yogas and single drug therapy in Shalakyia Tantra.
13. Pathyapathya in Shalakyia Tantra.

Part B – 50 marks

14. Critical analysis of nidana of Urdhwajatruvikaras.
15. Fundamentals of optics and refraction.
16. Clinical methods of eye examination and application of various aids and techniques with their respective interpretation viz. Retinoscopy, Refraction, Tonometry, Slit lamp examination, Pachymetry, Direct and Indirect Ophthalmoscopy, Gonioscopy, Perimetry, A scan, B scan, FFA (Fundus Fluorescein Angiography), OCT (Optical Coherence Tomography) etc.
17. Clinical methods of Ear examination with special reference to hearing and balance.
18. Fundamentals of Acoustics and Audiology.
19. Clinical methods of examination of Nose and Para nasal sinuses with various aids and techniques.
20. Clinical methods of Oro-Dental examination with various instruments and techniques.
21. Basic pharmacology of common drugs required in diagnostic and therapeutic procedures in Eye, ENT and Oro-Dentistry.
22. Eye donation and Eye banking.
23. Knowledge of handling of Bio-medical waste.