

MEDICAL OFFICER (NETRA)

INDIAN SYSTEMS OF MEDICINE

(Category No.505/2024)

MODULE I

SHALAKYA TANTRA

INTRODUCTION SHALAKYATANTRA NIRUKTHI, PARICHAYAM, ITHIHASAM
NETRA RACHANA SHAREERAM (MANDALA, PATALA, SANDHI, DRUSHTI VICHARA)
NETRA & CHAKSHU KRIYA SHAREERA, ANCIENT AND MODERN VIEW, NETRA
PAREEKSHANOPAYOGI YANTRA, SHASTRADI JNANAM, NETRAROGANAM – SAMANYA
HETHU (NIJA AND AGANTUJA), POORVAROOPA, SAMPRAPTI, ROOPA AND CHIKITSA
CLASSIFICATION OF NETRAROGA AS PER AYURVEDIC AND MODERN
VIEW POINT AND ITS IMPORTANCE.

MODULE II

SANDHIGATAROGAS

ETIOLOGY, PATHOLOGY, CLASSIFICATION AND PROGNOSIS
CLINICAL FEATURES AND MANAGEMENT OF SRAAVAROGAS
CLINICAL FEATURES AND MANAGEMENT OF
PARVANI, ALAJI
CLINICAL FEATURES AND MANAGEMENT OF
UPANAHA, KRIMIGRANDHI
ACUTE AND CHRONIC DACRYOCYSTITIS - AETIOLOGY, PATHOLOGY,
AETIOLOGY, PATHOLOGY, SIGNS & SYMPTOMS AND MANAGEMENT.
EPIPHORA, BLEPHARITIS, LACRIMAL CYST - AETIOLOGY, PATHOLOGY,
SIGNS & SYMPTOMS AND MANAGEMENT
KNOWLEDGE ABOUT DACRYOCYSTECTOMY
AND DACRYOCYSTORHINOSTOMY
TEAR FILM, TEAR BREAK UPTIME, SCHIRMER TEST.

MODULE III

SANKHYA, ETIOLOGY, PATHOLOGY AND CLASSIFICATION OF VARTMAROGAS,
CLINICAL FEATURES AND MANAGEMENT OF UTSANGINI, ANJANANAAMIKA,
LAGANA, ULKLISHTA, HORDEOLUM EXTERNUM, CHALAZION, CLINICAL FEATURES
AND MANAGEMENT OF KUMBHEEKAVARTMA, SIKATAVARTMA AND
VARTMASARKARA CLINICAL FEATURES AND MANAGEMENT OF POTHAKI AND
TRACHOMA, CLINICAL FEATURES AND MANAGEMENT OF NIMESHA,
KRICHRONMEELA AND BLEPHAROSPASM, CLINICAL FEATURES AND MANAGEMENT
OF VATAHATA, LAGOPHTHALMOS AND PTOSIS CLINICAL FEATURES AND
MANAGEMENT OF ALL TYPES OF VARTMA, ARSAS CLINICAL FEATURES AND
MANAGEMENT OF VARTMARBUDAM, ALAJI AND LID GROWTHS LEKHANA AND
BHEDANA.

MODULE IV

SUKLAGATAROGAS, ETIOLOGY, PATHOLOGY AND CLASSIFICATION OF SUKLAGATAROGAS, CLINICAL FEATURES AND MANAGEMENT OF ARMA AND PTERYGIUM, SIROTPATAM, SIRAJALA, SIRAHARSHA, SIRAPIDAKA SCLERITIS AND EPISCLERITIS, ARJUNA, SUBCONJUNCTIVAL HAEMORRHAGE VALASAGRADHITA AND SUKTHIKA, XEROSIS, KRISHNAGATAROGAS, ETIOLOGY, PATHOLOGY AND CLASSIFICATION OF KRISHNAGATAROGAS, CLINICAL FEATURES AND MANAGEMENT OF AVRANASUKLA AND AVRANASUKLA, KSHATASUKLA ULCERATIVE AND NON ULCERATIVE KERATITIS – AETIOLOGY, PATHOLOGY, SYMPTOMS AND MANAGEMENT. SANKHASUKLA, CORNEAL OPACITY PAKATHYAYASUKLA AND HYPOPYON ULCER AND UVEITIS AJAKAJATHA AND STAPHYLOMA SIRASUKLA UVEITIS NETRAPAREEKSHA.

MODULE V

SARVAKSHIROGAS ETIOLOGY, PATHOLOGY, CLASSIFICATION OF SARVAKSHIROGAS ABHISHYANDA AS A CAUSE OF ALL EYE DISEASES CLINICAL FEATURES AND MANAGEMENT OF ABHISHYANDAS AND ADHIMANTHAS VATAPARYAYA, ANYATOVATA, SUSHKAKSHIPAKA, AKSHIPAKATHYAYA, SASOPHAM, ALPASOPHAM AMLOSHITHAM, SIROTPATAM, SIRAHARSHA, AETIOLOGY PATHOLOGY, CLASSIFICATION, AND MANAGEMENT OF GLAUCOMA, CONJUNCTIVITIS DRY EYE SYNDROME, PANOPHTHALMITIS, AUPASARGIKA NETRAROGA- ETIOLOGY, SIGNS AND SYMPTOMS, DIAGNOSIS AND TREATMENT.

MODULE VI

ETIOLOGY, PATHOLOGY, CLASSIFICATION OF DRISHTIROGAS CLINICAL FEATURES AND MANAGEMENT OF :
TIMIRA, KACHA AND LINGANASA
DOSHANDHA, NAKULANDHA,
PITTAVIDAGDHADRISHTI,
KAPHAVIDAGDHADRISHTI,
USHNAVIDAGDHA, AMLAVIDAGDHA
HRASWA, GAMBHEERA, DHOOMARA
SANIMITTAJA, ANIMITTAJA LINGANASA
TIMIRAABHASA, PILLA, PATHYA, APATHYA ETC
CATARACT`
RETINAL DISEASES
REFRACTIVE ERRORS, STRABISMUS
XEROPHTHALMIA AND OTHER NUTRITIONAL DEFICIENCY
DISEASES NAYANABHIGHATA, (OCULAR TRAUMA)
AYURVEDIC AND MODERN VIEW PREVENTIVE OPHTHALMOLOGY
INTRODUCTION TO EYE BANK, EYE DONATION, CORNEAL TRANSPLANTATION

MODULE VII

NETRA SAMANYA VISHESHA CHIKITSA-KRIYAKALPAM
SEKA ,ASHCHYODANA,PINDI,VIDALAKA,TARPANA,PUTAPAKA,ANJANA
AND IMPORTANCE OF PANCHAKARMA IN SALAKYA CHIKITSA

MODULE VIII

A BASIC FUNDAMENTAL OF SHALAKYA ,SHALYA CHIKITSA EG PURVA
–PRADHANA-PASCHAT KARMA –AMA- PACHYAMANA PAKWA VRANA
SHODHA VRANITOPASANA PRANASHTASHALYA AND
VRANABANDHANA.METHODS AND CONCEPTS OF STERILISATION
ASEPSIS AND ANTISEPSIS AS PER ANCIENT AND MODERN VIEW POINT
B KNOWLEDGE OF EIGHT SURGICAL PROCEDURES IE
LEKHANA,CHEDANA,BHEDANA,VYADHANA ETC SHALYA KARMA

MODULE IX

A PARASURGICAL PROCEDURE –AGNI,KSHARA AND
RAKTHAMOKSHA WITH SPECIAL REFERENCE TO NETRA CHIKITSA
B ESSENTIAL DIAGNOSTIC AND THERAPEUTIC MODERN
PHARMACOLOGICAL AGENTS REQUIRED IN SHALAKHYA CHIKITSA

MODULE X

ADVANCED IVESTIGATIVE TECHNIQUES AS CONTRAST SENSITIVITY
RETINOSCOPY ,SLIT LAMP BIMICROSCOPY, OPHTHALMOSCOPY
,FFA ,ERG, OCT, VEP .CORNEAL TOPOGRAPHY ,OPTICAL SCANS
PREVENTIVE OPHTHALMOLOGY PADYAPADHYA ROLE OF ANTIOXIDANTS IN EYE.

NOTE: - It may be noted that apart from the topics detailed
above, questions from other topics prescribed for the
educational qualification of the post may also appear in the
question paper. There is no undertaking that all the topics
above may be covered in the question paper