

**FURTHER DETAILS REGARDING MAIN TOPICS OF  
PROGRAMME No. 09/2019 (Item No.2)**

**MEDICAL OFFICER (NETRA)  
INDIAN SYSTEMS OF MEDICINE**

*(Category No.213/2018)*

**SHALAKYA TANTRA**

**MODULE I**

INTRODUCTION SHALAKYATANTRA NIRUKTHI, PARICHAYAM,  
ITHIHASAM

NETRA RACHANA SHAREERAM (MANDALA, PATALA, SANDHI,  
DRUSHTI VICHARA)

NETRA & CHAKSHU KRIYA SHAREERA  
ANCIENT AND MODERN VIEW

NETRAPAREEKSHANOPAYOGI 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 DACRYOCYSTEATOMY

AND DACRYOCYSTORRHINOSTOMY

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 INVESTIGATIVE 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***

