

3.3. SHALAKYA TANTRA

Theory Two Papers – 90 Marks Each

Theory Internal Assessment -20 Marks

Practical/Viva voce – 90 Marks

Practical Internal Assessment -10 Marks

Number of Lectures - 210

Hospital Training / Clinical Posting – 4 Months

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PAPER - I

1. INTRODUCTION

- Shalakyatantra nirukthi, Parichayam, Itihasam
- Netra rachana shareeram (Mandala, Patala, Sandhi, Drushti Vichara) and Netra & chakshu Kriya shareera ancient and modern view. Netrapareeksha,
- Netrapareekshanopayogi Yantra Shastradi jnanam
- Netraroganam – Samanya Hethu (Nija and agantuja), Poorvaroopam, Samprapti, Roopa and chikitsa.
- Classification of netraroga as per Ayurvedic and Modern view point and its importance.

2. NETRA SAMANYA AND VISHISHTA CHIKITSA - KRIYA KALPA

- Seka, Aschyotana, Pindi, Vidalaka Tarpana, Putapaka, Anjana and importance of Panchkarma in shalaky chikitsa.
- Basic fundamentals of shalaky shalya chikitsa e.g. poorva-pradhana-pachhchata karma, Ama-pachyaman-pakva vrana shotha, Vranitopasana, Pranashtashlya, & Vranbhandhana. Methods and concepts of sterilization, asepsis and antisepsis as per ancient and modern view point.

- Knowledge about the eight surgical procedures i.e. Lekhana, Chedana, Bhedana, Vyadhana etc. shalya karma;
- Parasurgical procedures - Agni, kshara and Raktamokshana with special reference to netra chikitsa.
- Essential diagnostic and therapeutic modern pharmacological agents required in shalaky chikitsa

3. SANDHIGATA ROGAS

- Etiology, pathology, classification, clinical features and management of diseases of sandhigata rogas (junctional areas of the eye) as detailed in literature of Ayurveda.
- Acute and chronic Dacryocystitis, Epiphora, Blepharitis, Lacrimal cyst – aetiology, pathology, signs & symptoms and management. Knowledge about Dacryocystectomy and dacryocystorhinostomy.

4. VARTMAGATA ROGAS

- Etiology, pathology, classification, clinical features and management of diseases of Vartma (lids disorders) of the eye as detailed in literature of Ayurveda.
- Hordeolum externum, Chalazion, Ptosis, Trachoma, Trichiasis, Entropion, Ectropion, Lagophthalmus, Blepharospasm and lid growths – Etiology, signs and symptoms and management.

5. SUKLAGATAROGAM

- Etiology, pathology, classification, clinical features and management of diseases of shuklagata mandala (Sclera and Conjunctiva) of the eye as detailed in literature of Ayurveda.
- Conjunctival degenerative disorders like pterygium, Scleritis, Episcleritis Sub-conjunctival hemorrhage, Xerosis their etiology, signs & symptoms and management.

6. KRISHNAGATA ROGAS

- Etiology, pathology, classification, clinical features and management of diseases of krishnagata mandala (cornea and iris) as detailed in literature of Ayurveda.

- Ulcerative and Non Ulcerative Keratitis, Corneal opacity, Staphyloma, Hypophyon Ulcer & Uveitis, their aetiology, pathology, symptoms and management.

7. SARVAGATA ROGAS

- Etiology, pathology, classification, clinical features and management of sarvagata rogas (diseases affecting all parts of the eye) as detailed in literature of Ayurveda.
- Abhishyanda as a cause of all eye diseases.
Conjunctivitis, Glaucoma, Dry eye Syndrome, Panophthalmitis, etiology, pathology, sign & symptoms and management.
- Aupasargika (contagious) Netra Roga:- Etiology, sign and symptoms, diagnosis and treatment.

8. DRISHTIGATA ROGA

- Etiology, pathology, classification, clinical features and management of diseases of drishtigata rogas (vision / visual apparatus) as detailed in literature of Ayurveda along with exogenous diseases like sanimittaja and animittaja linga nasha.
- Refractive errors, Strabismus, Cataract, Retinitis pigmentosa, Amblyopia, Central serous retinopathy, Eale's disease, Hypertensive & Diabetic Retinopathies, Age related Macular degeneration, Optic Neuritis and Optic atrophy, – Etiology, pathology, signs and symptoms and management.
- Nayanabhighata- ocular trauma as per ancient and modern view point.

9. MISCELLANEOUS DISEASES

- Xerophthalmia and other malnutritional eye disorders.
- Introduction to Eye bank, Eye donation, Corneal Transplantation.
- Netraswasthyarakshanopaya- Preventive ophthalmology and community Ophthalmology.

PAPER - II

1. SAMANYA CHIKITSA

- Instruments and technology used in the diagnosis and treatment of diseases of Shir, Ear, Nose & Oral cavity.
- Study of therapeutic procedures like sveda, kavala, gandusa, dhuma, rakta mokshana, murdhni taila, nasya, pratisarana, karna purana, mukha lepa used in the treatment of Shir, Ear, Nose, Dental, Periodontal, Oral cavity and Throat diseases.

2. SHIRO ROGA

- Importance and Superiority of Shir.
- Generalised and Specific Etiology, pathology, classification, clinical features and management of diseases of shir and kapala (intracranial and extracranial) as detailed in literature of Ayurveda.
- Headache, its differential diagnosis and treatment along with diseases of Scalp.

3. KARNA ROGA

- Anatomical and Physiological considerations of Karna (Ear) & Shraavanendrya in Ancient and Modern Medical literature.Examination of Ear.
- Generalised and Specific Etiology, pathology, classification, clinical features and management of diseases of Karna as detailed in literature of Ayurveda.
- Karna sandhana(Auroplasty) fundamentals and method and Vaikritpaham.
- Otagia, ASOM, CSOM, Deafness, Otomycosis, Tinnitus, Meniere's disease, Foreign body in ear and Sound pollution, Etiology, pathology, clinical features and management. Tympanoplasty.

4. NASA ROGA

- Anatomical and Physiological considerations of Nasa (Nose) & Ghranendriya in Ancient and Modern Medical literature. Examination of Nose.

- Generalised and specific Etiology, pathology, classification, clinical features and management of diseases of Nasa (Nose) as detailed in literature of Ayurveda.
- Nasa sandhana (Fundamentals and methods of Rhinoplasty).
- Rhinitis , Epistaxis, Nasal polyp, DNS, Nasal trauma, foreign body in the nose - Etiology, pathology, clinical features and management

5. MUKHA ROGA (DISEASES OF ORAL CAVITY)

- Mukha roga- ayatana- Anatomical sites of diseases of Oral cavity
- Anatomical and Physiological considerations of Mukh (Oral cavity) in Ancient and Modern Medical literature.Examination of Oral cavity.
- Mukh and Danta Swasthya ancient and modern concepts.
- Generalised etiology Pathology Clinical picture and Treatment of Mukharoga (Diseases of oral cavity)

6. OSHTHA ROGA (DISEASES OF LIPS)

- Anatomical and Physiological considerations of Oshtha (Lips) in Ancient and Modern Medical literature. Examination of Lips.
- Etiology, pathology, classification, clinical features and management of diseases of Oshtha (Lips) as detailed in literature of Ayurveda.
- Oshtha sandhana- Labioplasty, Hare lip, Retention cyst, Cracked lips.

7. DANTA ROGA (DENTAL DISEASES)

- Anatomical and Physiological considerations of Danta (Tooth) in Ancient and Modern Medical literature. Examination of Teeth.
- Etiology, pathology, classification, clinical features and management of diseases of Danta (Teeth) as detailed in literature of Ayurveda.
- Danta utpatana- Tooth extraction using jalandhara bandha yoga as well as by usin instruments. Danta poorana ancient and modern methods. Danta rakshana.
- Dental carries, dental tartar, causes and treatment.

8. DANTA MULA GATA ROGA (DISEASES OF PERIODONTIA)

- Anatomical and Physiological considerations of Dantamula (Periodentia) in Ancient and Modern Medical literature. Examination of Dantamula-Perioduntum.
- Etiology, pathology, classification, clinical features and management of diseases of Dantamula (Periodentia) as detailed in literature of Ayurveda.
- Gingivitis, Apical abscess, Periodontitis (Pyorrhoea), Periodontal abscess and Mandibular sinus

9. JIHWA GATA ROGA (DISEASES OF TONGUE)

- Anatomical and Physiological considerations of Jihva (Tongue) in Ancient and Modern Medical literature. Examination of Tongue.
- Etiology, pathology, classification, clinical features and management of diseases of Jihwa (Tongue) as detailed in literature of Ayurveda.
- Glossitis, Tongue tie, Ranula, Benign and malignant tumors of tongue

10. TALU ROGA (DISEASES OF PALATE)

- Anatomical and Physiological considerations of Talu (Palate) in Ancient and Modern Medical literature. Examination of Palate.
- Etiology, pathology, classification, clinical features and management of diseases of Talu (Palate) as detailed in literature of Ayurveda.
- Palatitis, Cleft palate, Uvulitis and Tumours of the palate.

11. KANTHA AND GALA GATA ROGA (DISEASES OF PHARYNX & LARYNX)

- Anatomical and Physiological considerations of Kantha and Gala (Pharynx and Larynx) in Ancient and Modern Medical literature. Examination of pharynx and Larynx.
- Etiology, pathology, classification, clinical features and management of diseases of Kantha and Gala (Pharynx and Larynx) along with swara bheda - (altered voice quality) as detailed in literature of Ayurveda.
- Pharyngitis, Laryngitis, Tonsillitis, Carcinoma of larynx pharynx, Diphtheria, Adenoiditis, foreign body in the throat- etiology, pathology and treatment of these diseases.

12. SARVASARA MUKHA ROGA (generalised mucosal affections of the oral cavity)

- Etiology, pathology, classification, clinical features and management of diseases of Generalised mucosa of the oral cavity as detailed in literature of Ayurveda.
- Stomatitis, HIV and Herpes infection of oral cavity

13. MISCELLANEOUS DISEASES

- Anatomy and physiology of salivary, thyroid and para thyroid glands , their diseases and treatment.
- Dysphagia, Cervical lymphadenopathy, Manyastambha (Sternocleidomastoiditis).

• **TERM WISE DISTRIBUTION OF THEORY SYLLABUS**

<u>FIRST TERM</u>	Paper- I	Paper- II
Point No.	1, 2, 3.	1, 2, 3, 4.

<u>SECOND TERM</u>	Paper- I	Paper- II
Point No.	4, 5, 6, 7.	5, 6, 7, 8, 9.

<u>THIRD TERM</u>	Paper- I	Paper- II
Point No.	8, 9.	10, 11, 12, 13.

- **SCHEME OF PRACTICALS / CLINICAL TRAINING** –
Total Duration 4 Months out of which 02 months should be completed under period of 2nd B.A.M.S. and remaining 2 months under 3rd B.A.M.S.

- OPD - 1½ Months. (under 2nd B.A.M.S.)
- IPD - 15 days (under 2nd B.A.M.S.)
- OPD & IPD – 01 Months. (under 3rd B.A.M.S.)
- OPERATION THEATRE- 01Months. (under 3rd B. A.M.S.)

- Under clinical posting each student has to study **20 long** Cases and **10 short** cases and prepare record of it as prescribed in **Annexure – A & B**
Under these cases following division should be strictly followed.
Netra – 10 Long Cases (4 Surgical, 3 I.P.D. & 3 O.P.D.) 5 short cases.
Karna-Nasa-Mukha-Danta – 10 Long Cases (4 Surgical, 3 I.P.D. & 3 O.P.D.) 5 short cases.

- **GUIDLINES OF SHALAKYA PRACTICALS / CLINICS**

Under clinical posting following activities /skills /Practical work should be done by each student.

1. Identification, uses, demonstration of surgical instruments and method of sterilization.
2. Training of case taking, bedside clinics and case presentation.
3. Training in para- surgical procedures such as - Kshara karma, Agni karma, Raktamokshana.
4. Training of ward procedures such as Application of bandages, wound management, IV, Retro bulbar, Peribulbar, Facial, IM, Subcutaneous and Intradermal injections.
5. Training of minor procedures such as - Incision and drainage , Excision, Sutures.
6. Observation of surgical procedures such as - Pterygium Cataract, Cyst removal, Tympanoplasty, Auroplasty, Tonsillactomy, Mastoidectomy, Steptoplasty

- **PRACTICAL EXAMINATION : (To be conducted by University)**
- 90 Marks

1. Long Case taking and case viva - 30 Marks
2. Short Case taking and case viva - 20 Marks
3. Specific viva Drug & Instruments - 15 Marks
4. General viva - 15 Marks
5. Long & Short cases Record -10 Marks .

- **THEORY EXAMINATION (To be conducted by University)**

There will be Two Papers Paper I & paper II for each 90 Marks as follows. The examiners are directed to set a question paper in such a way that it shall covers all points of syllabus. On any syllabus group maximum 5 SAQ and maximum 10 MCQ can be included in the question paper by Paper setter.

a. **SECTION-A. (M.C.Q.)** - 15 MARKS

- IT CONTAINS **30 M.C.Q.s** – CARRYING ½ (half), MARK EACH.

b. **SECTION-B. (S.A.Q.)** - 30 MARKS

- IT CONTAINS **12 S.A.Q.s** – EACH CARRYING 3 MARKS AND ANY 10 SAQs SHOULD BE SOLVED BY STUDENT.

c. **SECTION-C. (L.A.Q.)** - 45 MARKS

- IT CONTAINS **4 L.A.Q.s** –EACH CARRYING 15 MARKS AND ANY 3 LAQs SHOULD BE SOLVED BY STUDENT.

- **DIVISION OF SYLLABUS POINTS AND GROUP WISE WEIGHTAGES OF MARKS IN UNIVERSITY QUESTION PAPER.**

PAPER - I

<u>GROUPS</u>	<u>SYLLABUS POINTS</u>	<u>ALLOTED MAXIMUM MARKS</u>	<u>QUESTION PATTERN</u>
A	1,2.	30	1-LAQ +4SAQ +6MCQ
B	3,4.	30	1-LAQ +4SAQ +6MCQ
C	5,6.	30	1-LAQ +4SAQ +6MCQ
D	7,8.	15	1-LAQ or 4SAQ +6MCQ
E	9.	06	1SAQ + 6MCQ
-	-	111 Marks	-

PAPER - II

<u>GROUPS</u>	<u>SYLLABUS POINTS</u>	<u>ALLOTED MAXIMUM MARKS</u>	<u>QUESTION PATTERN</u>
A	1,2,3.	30	1-LAQ +4SAQ +6MCQ
B	4,5,6.	30	1-LAQ +4SAQ +6MCQ
C	7,8,9.	30	1-LAQ +4SAQ +6MCQ
D	10,11,12.	15	1-LAQ or 4SAQ +6MCQ
E	13.	06	1SAQ + 6MCQ
-	-	111 Marks	-

• **Reference Books**

1. Shalakyia Tantra - Dr. Rama Nath Dwivedi
2. Shalakyia Vigyan - Dr. Ravindra Chandra Choudhary
3. Abhinava Netra Chikitsa - Acharya Vishva Nath Dwivedi
4. Netra Chikitsa Vigyan - Dr. Ravindra Chandra Choudhary
5. Netra Chikitsa - Dr. Balkrishna Munje
6. Netra Roga Vigyan - Dr. Hans Raj
7. Parson's Diseases of Eye - Parson
8. Diseases of ENT - By-Log and Turner
9. Shalakyia Tantra - Shiv Nath Khann
10. Useful portions of Charak,
Sushrut, Vagbhatta .
11. Netra Rog Vigyan -Dr. Dilip Bhusari
12. Shalakyia Tantra (Karna, Nasa, Shiroroga) -Dr. Preeti Anantwar.
13. Shalakyia Tantra (Mukharoga) -Dr. Preeti Anantwar.
14. Shalakyia tantra – -Vd. S. G. Joshi
15. Karna Chikitsa Vigyan -Dr. Ravindra C. Choudhary
16. Nasa Chikitsa Vigyan -Dr. Ravindra C. Choudhary
17. Shiro Karna Nasa
Mukha Roga Vignyana -Dr. N. J. Vidhawans
18. Ayurvediy Yantra Shashtra
Parichaya -Dr. Surendra Mohan
19. Short book Ophthalmology - Seal
20. Text book of Ophthalmology – Dr. Kanski
21. Text book of ENT - Dr. Bhargav
22. Text book of Ophthalmology - Dr. Khurana.

(Annexure-A)

LONG CASE

(NETRAROGA RUGNAPATRAKA)

OPD NO:- BED NO:- IPD NO:- DATE:

PRADHAN VAIDY:-

STUDENT NAME:-

RUGNA NAMA:-

ADDRESS:-

VAYA:- LINGA:- CASTE:- OCCUPATION:-

DESHA:- RUTUKALA:-

DATE OF ADMISSION:-

DATE OF DISCHARGE:-

ROGNIDAN:-

CHIKITSA:-

CHIKITSA PHALA:-

PRAMUKHA VEDANA:-

VYADHIVRUTTA:-

PURVAVYADHIVRUTTA:-

KULAVRUTTA:-

STHANIKA PARIKSHAN:-

NETRA PARIKSHAN:-

DAKSHIN NETRA

VAMA NETRA

1) MANDALA PARIKSHAN:-

- 1) **BHRUMANDAL:-**
- 2) **PAKSHMA MANDAL:-**
- 3) **VARTMA MANDAL:-**
URDHVA:-
ADHAHA:-
- 4) **SHUKLAM MANDAL :-**
- 5) **KRUSHNA MANDAL:-**
KARNIKA :-
TARAKA MANDAL:-
- 6) **DRUSHTI MANDAL:-**
AAKAR:-
PRATIKRIYA:-
- 7) **PURVA VESHMA (Anterior Chamber):-**
- 8) **DRUSHTI MANI:-**

2) SANDHI PARIKSHANA:-

- 1) **APANGA SANDHI:-**
KANINIK SANDHI:-
ASHRU KOSHA:-
- 2) **PAKSHMA VARTMAGATA SANDHI:-**
- 3) **VARTMA SHUKLAGATA SANDHI:-**
URDHVA:-
ADHAHA:-

- 4) SHUKLA KRUSHNA GATA SANDHI:-
- 5) KRUSHNA DRUSHTI GATA SANDHI:-

DARSHAN SHAKTI PARIKSHA:-

ABHINGA:-

SABHINGA:-

DRUSHTI KSHETRA:-

- 3) PATAL PARIKSHANA:-
 - DRUSHTINADI SHIRSHA:-
 - PITABINDU:-
 - RAKTA VAHINYA:-
- 4) SRAV PARIKSHAN:-
 - RASHI:-
 - SANGHATA:-
 - GANDHA:-
 - VARNA:-
 - ANYA:-
 - VISHESH PARIKSHANA:-

NIDAN PANCHAKA:-

- 1) HETU (NIJA , AAGANTU):-
- 2) PURVA RUPANI:-
- 3) RUPANI:-
- 4) UPASHAYANUPASHAYA:-
- 5) SAMPRAPTI:-

VYAVCCHEDA ROGNIDAN:-

LAKSHANA		

NIDAN:-

CHIKITSA:-

STHANIKA:-

SARVADEHIKA:-

SHASTRAKARMA CHIKITSA:-

PURVAKARMA:-

PRADHAN KARMA:-

PASCHAT KARMA:-

PARINAM:-

ANUVRUTTA:-

DINANKA	RUGNAVRUTTA	CHIKITSA

Student Signature

Teacher Signature

LONG CASE

(KARNA-NASA-SHIRO-MUKHA-KANTHA RUGNAPATRAKA)

OPD NO:- BED NO:- IPD NO:- DATE:-

PRADHAN VAIDY:-

STUDENT NAME:-

RUGNA NAMA:-

ADDRESS:-

VAYA:- LINGA:- CASTE:- OCCUPATION:-

DESHA:- RUTUKALA:-

DATE OF ADMISSION:-

DATE OF DISCHARGE:-

ROGNIDAN:-

CHIKITSA:-

CHIKITSA PHALA:-

PRAMUKHA VEDANA:-

VYADHIVRUTTA:-

PURVAVYADHIVRUTTA:-

KULAVRUTTA:-

RUGNA PARIKSHA:-

NADI:-

RAKTA DABA:-

TAPMAN:-

SWASHAN:-

DEHAYASHTI:-

VARNA:-

NASA PARIKSHAN (STANIKA PARIKSHAN):-

BAHIRNASIKA:-

NASAGUHA:-

DAKSHIN

VAMA

1) SHUKTIKA - SURANGA:-

URDHVA

MADHYA

ADHAHA

2) SHLAISHMIKA KALA:-

3) NASA RANDHRA:-

PURVA

PASCHIM

NASA SRAV, GANDHA, VARNA etc.

MUKHA PARIKSHANA:-

OSHTHA:- URDHVA:-

ADHAHA:-

DANTAVESHTA:-

DANT:-

JIVHA:-

TALU (KATHIN)

TALU (MRUDU)

GALA GILAYU GRANTHI

GALA SHUNDIKA

UPJIVHA

KANTHA

ANYA VISHESHA PARIKSHA

KARNA PARIKSHA:-

DAKSHINA

VAMA

BAHYAKARNA- KARNASHASHKULI

KARNA PUTRAK

KARNAPALI

KARNA PARSHVA

KARNA KUHARA

MADHYA KARNA

SHRUTI SURANGA NADI

SHRAVANENDRIYA

PARTHIVA VAHAKATA

VAYAVIYA VAHAKATA

SRAVA- GANDHA, VARNA etc

SHIRO PARIKSHA

AAKAR

TVACHA

PARIGHA

KAPALASTHI

MANYAGATA GRANTHI

ANYA VISHESH PARIKSHAN

NIDAN PANCHAKA:-

1) HETU (NIJA , AAGANTU):-

2) PURVA RUPANI:-

3) RUPANI:-

4) UPASHAYANUPASHAYA:-

5) SAMPRAPTI:-

MUTRA, RAKTA KSHA-KIRAN etc. :-

VYAVCCHEDA ROGNIDAN:-

LAKSHANA		

NIDAN:-

CHIKITSA:-

STANIKA:-

SARVADEHIKA:-

SHASTRAKARMA CHIKITSA:-

PURVAKARMA:-

PRADHAN KARMA:-

PASCHAT KARMA:-

PATYAPATHYA:-

ANUVRUTTA:-

DINANKA	RUGNAVRUTTA	CHIKITSA

Student Signature

Teacher Signature

(Annexure-B)

SHORT CASE

(NETRAROGA RUGNAPATRAKA)

OPD NO:-

DATE:-

PRADHAN VAIDYA:-

STUDENT NAME:-

RUGNA NAMA:-

ADDRESS:-

VAYA:-

LINGA:-

CASTE:-

OCCUPATION:-

DESHA:-

RUTUKALA:-

ROGNIDAN:-

CHIKITSA:-

CHIKITSA PHALA:-

PRAMUKHA VEDANA:-

VYADHIVRUTTA:-

PURVAVYADHIVRUTTA:-

KULAVRUTTA:-

NETRA PARIKSHAN:-

BAHYA NETRA:-

VARTMA MANDALA:-

SHUKLA MANDALA:-

KRUSHANA MANDALA:-

DRUSHTI MANDAL:-

KARNIKA:-

TARAKA MANDALA:-

DAKSHIN NETRA

VAMA NETRA

DARSHAN SHAKTI PARIKSHA:-

ABHINGA:-

SABHINGA:-

DRUSHTI KSHETRA:-

TRIVIDHA PARIKSHANA:-

DARSHANA:-

SPARSHANA:-

PARASHANA:-

ASHTAVIDHA PARIKSHANA:-

NADI:-

MALA:-

MUTRA:-

JIVHA:-

SHABDA:-

SPARSHA:-

DRUKA:-

AAKRUTI:-

NIDANA:-

CHIKITSA:- STHANIKA:-

SARVADEHIKA:-

PATYAPATYA:-

Student Signature

Teacher Signature

SHORT CASE

(KARNA-NASA-SHIRO-MUKHA-KANTHA RUGNAPATRAKA)

OPD NO:-

DATE:-

PRADHAN VAIDY:-

STUDENT NAME:-

RUGNA NAMA:-

ADDRESS:-

VAYA:-

LINGA:-

CASTE:-

OCCUPATION:-

DESHA:-

RUTUKALA:-

ROGNIDAN:-

CHIKITSA:-

CHIKITSA PHALA:-

PRAMUKHA VEDANA:-

VYADHIVRUTTA:-

PURVAVYADHIVRUTTA:-

KULAVRUTTA:-

STHANIKA PARIKSHANA:-

KARNA:-

BAHYA KARNA:-

KARNA KUHARA:-

NASA:-

BAHIRNASIKA:-

NASAGUHA:-

SHLISHMIKA KALA:-

MUKHA:-

OSTHA:-

DANTA, DANTAVESHTA:-

JIVHA:-

MUKHA KUHARA:-

KANTHA:-

SHIRO:-

AAKRUTI:-

KAPALASHTI:-

ANYA:-

NIDAN:-

CHIKITSA:- STHANIKA:-

SARVADEHIKA:-

PATYAPATYA:-

Student Signature

Teacher Signature

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