3.1 ROGA NIDANA

Theory Two Papers – 100 Marks Each
Practical/Viva voce – 100 Marks

PAPER -1

100 Marks

Part A

50 Marks

I. Dosha Dushyadi Vigyana
1. Definition and importance of Roganidana.
3. Disha Dhatu Ashraya Ashrayi Bhava.
5. Mala Kshaya Vriddhi Lakshana.
6. Hetu, Bheda and Lakshana of Agni Dushti.
7. Definitions and Samanya Lakshana of Ama.
8. Sama and nirama Dosha, Dushya Lakshana.
10. Concept, classification, diagnosis and general complications of Avarana.
11. Doshagati and Rogmarga.

II. Vyadhi Vigyana
1. Definition, synonyms and classification of Vyadhi & Vyadhi Ghatak.
2. Criteria for nomenclature of Diseases in Ayurveda (Vyadhinamakarana).
3. Bija, Bija Bhaga and Bija Bhaga Avayava Dushti.
5. Introduction to ICD Classification of Diseases of WHO and DSM classification.
7. Dhatu, Updhatu, Mala and Indriya Pradoshaj Vikara.
8. Concept of Ashta Mahagada.
9. Introduction to Ashta Nindita.
10. Definition and classification of Vyadhikshamatva.

III. Basic Pathology
1. Introduction to pathology and its sub-divisions.
2. Introduction to Cell Injury and Cellular adaptations.
5. Types of Immunity – different types of immune responses in the body – Basic knowledge of auto immune diseases, Acquired immune deficiency disease and hypersensitivity.
7. Introduction to Nutritional disorders – disorders of macro and micro nutrients.
8. Introduction to infections.
9. Introduction and classification of microorganisms such as virus- bacteria-fungus.
Part B 50 Marks

**IV. Nidana Panchaka Vidyana**

1. Difference between Roga and Rogi Pariksha.
2. Importance of Nidan Panchaka.
3. Hetu - Definition, Synonyms and Classification.
6. Upashaya / Anupashaya− Definition, Types and its importance in diagnosis.
7. Samprapti – Definition, Synonyms and Type and Samprapti Ghataka.
10. ArishtaVigyan – Definition, Types and its importance.
11. Sadhyasadhyatwa – Types, their parameters and importance.
12. General diagnostic principles of AnuktaVyadhi (Ch. Vi. 4).

**V. Pariksha Vidyana**

1. Importance and knowledge of Aitopadeshadi & Darshanadi Trividha, Chaturvidha, and Shadvidha Pariksha.
2. Importance and Knowledge of Ashtasthana Pariksha.
3. Importance and Knowledge of Karanadi Dashavidha Parikshya Bhava.
4. Importance and Knowledge of Dashavidha Pariksha.
5. Basic knowledge of ECG, USG, X Ray,CT Scan,MRI.

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Paper II 100 Marks

Part A 50 Marks

Systematic study of Nidana Panchaka of following diseases (Including Upadrava, Arishta and Sadhyasadhyatwa).

**I. Diseases of Rasavaha Srotas**

1(a) Jwara(Jwarabhedha-Ama, Pachyamana and Nirama Jwara,Agantukajwara, Punaravartaka Jwara,Vishama Jwara, Dhatugata Jwara, Charakokta Sannipata Jwara.
1(b) General mechanism of Fever, Introduction to the Aetiopathogenesis of Malaria,Typhoid, Dengue fever, Influenza and Chikungunya.
2(a) Pandu, Amavata, Hridroga, Shotha.
2(b) Introduction to Anaemia & its Classification, Rheumatic fever, Rheumatoid Arthritis, Hypertension, Angina, Ischaemic Heart Disease, Myocardial Infarction and CCF.

**II. Diseases of Raktavaha Srotas**

2. Introduction to Hepatomegaly, Spleenomegaly, Leukaemia, Thalessemia, Sickle cell Anaemia.
3. Introduction to Urticaria, Psoriasis, Eczema, Pemphigus.

**III. Diseases of Mamsavaha Srotas**

(a) Galganda
(b) Introduction to Thyroid disorders

**IV. Diseases of Medovaha Srotas**

2. Introduction to Obesity and Diabetes Mellitus.
V. Diseases of Asthi – Majjavaha Srotas
2. Sandhigatavata, Asthi-Majjavaga vata.
3. Introduction to Osteo- Arthritis, Osteoporosis.

VI. Diseases of Shukravaha Srotas
1. Introduction to Klaibya and Vandhyatva.
2. Introduction to male and female infertility.

Part B

VII. Diseases of Pranavaha Srotas
1(b). Introduction to the aetiopathogenesis of Pneumonia, Pleural effusion, Bronchitis, Bronchiectasis, Bronchial Asthma.

VIII. Diseases of Annavaha– Pureeshavaha Srotas
2. Introduction to Anaha, Adhmana, Atopa, Visuchika Alasaka, Vilambika.
3. Introduction to Peptic Ulcer, Irritable Bowel Syndrome (IBS) Diarrhoea, Dysentry, Constipation, Inflammatory Bowel Diseases.

IX. Diseases of Udakavaha Srotas
1(a) Introduction to Trishna, Daha.
1(b) Introduction to water and electrolyte imbalance disorders.

X. Diseases of Mutravaha Srotas
1(a) Mutrakrichha – Mutraghata.
1(b) Introduction to Urinary Tract Infection, Nephropathies.

XI. Diseases of Swedavaha Srotas
1(a) Introduction to Khalitya, Palitya.

XII. Diseases of Manovaha Srotas
1(a) Apasmara, Unmada, Atatwabhinivesha-Vishada, Anidra, Mada, Murchha, Sanyasa.
1(b) Introduction to Epilepsy, Depression, Anxiety neurosis.

XIII. Upasargajanya Vyadhi (Communicable diseases)
1(a) Romantika – Masurika – Upadamsha – Phiranga.
1(b) Introduction to Measles, Chickenpox, Leprosy, Tuberculosis and AIDS.

XIV. Krimi Vigyana
1) Definition, classification of Krimi and features of Krimiroga
2) Snayuka, Shleepada.
3) Introduction of Filariasis and classification of common parasites.

PRACTICAL

i) Fundamental Principles of Laboratory Tests
Introduction to laboratory, Sterilization, glass wares, solutions reagents and safety procedures, Disposal of biomedical wastes.
ii) Haematology
1. Haemoglobin estimation.
2. Blood cells counting - WBC, RBC, platelets.
3. Hematocrit /Packed cell volume (PCV).
4. Erythrocyte indices - MCV, MCH, MCHC.
5. Peripheral blood smear, staining technique and differential leucocyte count.
6. Peripheral blood film examination in Anemia, Leukemia, Malaria, Filaria (Demonstration).
7. ESR.
8. Screening test for bleeding disorders- bleeding time (BT), Clotting time (CT), Demonstration of Prothrombin time (PT).
9. Blood grouping - ABO system, Rh typing (Rhesus system).

iii) Urine Examination
1. Ayurveda anusara mutrapariksha.
2. Physical Examination - Volume, Reaction (Ph) & Specific Gravity.
3. Chemical Examination for - Proteins, Glucose, Phosphate, Ketone, Bile salts, Bile pigment.
4. Dipstick examination
5. Demonstration of Microscopic Examination.

iv) Stool Examination
1. Ayurveda anusara purishapariksha.
2. Physical examination, Sama-Nirama Pariksha.
3. Microscopic examination of ova & cyst (Demonstration)
4. Occult Blood Test.

v) Demonstration of Sputum Examination
1. Ayurveda anusara sthivanapariksha.
2. Physical, Chemical and Microscopic Examination of the sputum.
3. Sample collection and Demonstration of AFB.

vi) Demonstration of Semen examination
1. Ayurveda anusara Retaspariksha.
2. Semen examination.

vii) Biochemical Examination – (Demonstration)
Blood Glucose, Serum Bilirubin, Blood Urea, Lipid Profile, Serum Creatinine, Serum Uric acid etc.

viii) Demonstration of different staining techniques in microbiology.


x) Laboratory record – maintenance of laboratory record book.

Bed side Practical (Clinical Methods)
1. Introduction and demonstration of clinical methods (General and Systemic Examination).
2. Practical demonstration of examination of Roga based on Pancha Nidana.
3. Demonstration of instruments used for clinical examination.
4. Practical records of clinical examination of at least 20 long cases in I.P.D including Atur-bala-pramana pareeksha.
5. Practical records of clinical examination of at least 20 short Cases based on Ashta vidha pariksha in O.P.D.
6. Demonstration of ECG, USG and Radio imaging techniques.
Distribution of Marks for final Practical Examination
1. Daily Record - 10 Marks
2. Indentification of Instruments - 10 Marks
3. Laboratory Experiments - 20 Marks
4. Short Case - 10 Marks
5. Long Case - 20 Marks
6. Viva - Voce - 30 Marks

Total 100 Marks

Reference Books
2. Doshakaranatwa Mimamsa - Acharya P.V. Sharma
3. Nadi Darshan - Vd. Tara Shankar Mishra
4. Nadi Vigyana Vidyotini Hindi Tika
5. Nadi Vigyan- Shri Satya Dev Vashisht
6. Nadi Vigyan- Gangadhur Tika
7. Rogi Pariksha vidhi Acharya- Priyavrata Sharma
13. Text Book of Pathology- Dey and Dey.
15. Clinical Pathology and Bacteriology- S.P. Gupta.
17. Parameswarappa’s Ayurvediya Vikriti Vigyan and Roga Vikriti Vigyan-Dr. P.S. Byadgi.
28. Practical Pathology- Dr. K. Uma Chaturvedi.
29. Clinical examination- Douglas/Macleod’s.
31. Medical Laboratory Technology - R. Sood.
32. Clinical Diagnosis and Management by Todd, Sanford and Davidson Laboratory methods
33. Clinical Hematology In Medical Practice- Degruchy’s.
34. Robbins Basic Pathology- Kumar, Abbas, Fausto at al.