

Syllabus for descriptive type Subject Aptitude Test (SAT) for the recruitment to post of Lecturer (Roga Nidana) Class-I (Gazetted) in the AYUSH Vibhag, H.P. The descriptive SAT paper shall have two parts, i.e. Part-I and Part-II of 03 hours duration having 120 Marks.

PART-I (60 MARKS)

1. **Fundamental principles of Roganidana:-** Concept of Tridosha and its Pathological implications, 63 permutations and combination of Tridosha, Lina and Stambhita Dosha, their cause and importance in manifestation of Samprapti, Concept of Rakta as a Chaturtha Dosha, Importance of Rakta in the manifestation of diseases, Concept of Ashrayashrayi bhava and its applied utility, Different types of Dosha Gati, Causative factors and practical utility of movement of Doshas from Kostha to Shakha and Shakha to Koshta, Concept of Ashayapakarsha, Trayorogamarga, their diseases and clinical importance of RogaMarga, Concept and classification of Avarana, its role in pathogenesis, mode of diagnosis of Avarana and its importance in chikitsa sutra, Applied aspect of Dhatu Poshana Krama and Dhatu Samvahana, Concept of Margaga and Sthanastha Dhatus, Concept and applied aspects of Doshapaka and Dhatupaka, fundamental and applied aspect of Datu, Upadhatu and Mala, Diseases developed due to their vitiation(pradoshajavikara).
2. Concept and applied aspects of Srotas, their importance in health and diseased conditions, Concept and applied aspects of SrotoDushti and Khavaigunya, Understanding the various srotas which are not included in classical list of srotas but enumerated while describing the samprapti of disease, Description of Dosha-Dushya-Samurchhana, Concept of Prakriti Sama Samaveta and VikritiVishamaSamavetaSammurchhana, Importance of Dosha-Dushya-Sammurchhana in diagnosis and treatment, Concept of Vikaravighatabaavabhavaprativishesha, Concept of Agni and its role in manifestation of health and disease, Concept and pathogenesis of Ama, Contemporary interpretation of Ama and its role in pathogenesis, Sama, Nirama stages of Dosha, Dahtu and Mala, Understanding Samprapti of Santarpanottha and ApararpanotthaVyadhi, Detailed classification of disease as described in Ayurveda, Knowledge of ICD and DSM classification, Detailed understanding of NidanPanchaka with their classification and clinical importance, Relation between 'Hetu&Lakshana'and 'Samprapti&Lakshna', Explanation and applied aspects of Kriyakala and its utility in diagnosis and treatment, Importance of Upadrava, Arishta and Sadhyasadyata and Udarka, Natural history of the diseases, concept of Vyadhisankara in Ayurveda.

3. **Roga Vigyana:-** Knowledge of classical Samprati of following diseases with interpretation of NidanaPanchaka including Upadrava, Arishta and Sadhyasadyata and Chikitsa Sutra, Knowledge of commonly occurring diseases of the respective systems, mentioned in contemporary medicine and their Ayurvedic interpretation, Diseases ofPranavahasrotas-Kasa-Shwasa-Hikka-Urahkshata-Shosha-Rajayakshma and Ayurvedic understanding of common clinical entities like Pneumonia, Pleural effusion, Bronchitis, Bronchiectasis, Pulmonary Tuberculosis, Bronchial Asthma; Diseases of Annavaha-PureeshavahaSrotas- Agnimandya-Ajirna-Aruchi-Chhardi, Amlapitta- Shoola, Grahani-Gulma-Udara Roga-Vibandha, Atisara-Pravahika along with various clinical presentation, Ayurvedic understanding of common, clinical entities like Peptic Ulcer, Irritable Bowel Syndrome, Diarrhoea, Dysentery, Constipation, Ulceration colitis; Diseases of UdakavahaSrotas- Trishna, Daha and knowledge of water and electrolyte imbalance disorders; Diseases of RasavahaSrotas- Jwara and Ayurvedic understanding of common clinical entities like various type of Fever- Malaria, Typhoid, Viral fevers, Pandu, Amavata, Hridroga, Shotha and Ayurvedic understanding of common clinical entities like Anaemia & its classification, Rheumatic fever, Rheumatoid Arthritis, Angina, Ischaemic Heart Disease, Hypertension, Myocardial Infarction, Congestive cardiac failure.
4. Diseases of RaktavahaSrotas- Kamala- Raktapitta- Vatarakta-kroshtukaseersha-Shitapitta-MahaKushta-Visarpa-Shwitra and KhudraKushta and Ayurvedic understanding of common clinical entities like jaundice, hepatitis, bleeding disorders, Gout, ThromboAngitisObliterans (TAO), Deep Vein Thrombosis (DVT) Leukaemia, Thalessemia, Sickle Cell Anaemia, Introduction to Urticaria, Psoriasis, Eczema, Pemphigus, Herpes; Diseases of Mamsavahasrotas- Introduction to Granthi, Arbuda, Galaganda and Arsha, Ayurvedic understanding of all types neoplasia and Thyroid diseases; Diseases of Medovahasrotas-Sthoulya-Karshya-Prameha and Ayurvedic understanding of common clinical entities like Obesity and Diabetes Mellitus; Disease of Asthi- Majjavahasrotas-Sandhigatavata, introduction to Asthi-majjaparipaka, AsthigataVidradhi and Ayurvedic understanding of common clinical entities like Osteo-Arthritis, Osteomyelitis, Osteoporosis.
5. Vatavyadhi- Akshepaka –Apatanaka –Ardita –Pakshaghata –Gridhrasi -Viswachi, Avabahuka, Manyasthambha-Katigraha-Pangutwa-Khanja-Khalwee and Ayurvedic understanding of common clinical entities like Hemiplagia, Parkinson’s disease, Lumbago-Sciatica syndrome, Bell’s Palsy, Ankylosing Spondylitis, MND and other commonly occurring neurological diseases, Diseases of SukravahaSrotas-Klaibya and Vandhyatva and understanding of male

and female infertility, impotence; Diseases of Mutravahasrotas-Mutrakrichha-Mutraghata, Ashmari and Ayurvedic understanding of common clinical entities like Urinary Tract Infection, Urolithiasis, Nephropathies and Renal Failure; Diseases of Swedavahasrotas-knowledge of khalitya, Palitya and Cosmetology; Diseases of ManovahaSrotas- Vishada, Udvega, Bhaya, Bhrama, Anidra, Mada, Murchha, Sanyasa, Apasmara, Unmada, Atatwabhinivesha and Ayurvedic understanding of common clinical entities like Depression, Anxiety, Neurosis, Phobia, personality disorders, IndriyaPradoshajaVikara, JaraJanyaVyadhi; Alzheimer's disease, Concept and tools for the study of AnuktaVyadhi (unexplained and newly emerging diseases), Understanding the concept of karmajavyadhi.

PART-II (60 MARKS)

1. **ParikshaVigyana:-** Introduction to Clinical methods and technique for the study of clinical examination, Importance of medical history taking and its importance in clinical medicine, Aims, objectives and methods, applied aspects and importance of various Rogi and RogaPariksha as per classics, SrotasPariksha, ShadangaPariksha vis-à-vis general and systemic examination of patient, Interpretation of Charakoktatrividhapanamanapariksha and Sushrutoktashadavidhapanamanapariksha with clinical methods mentioned in modern medicine, Interpretation and use of ashtasthananirikshana along with use of current tools as per Ayurveda.
2. Charakoktadashavidha and SushrutoktaDwadashavidhapanamanapariksha along with the use of modern supportive tools for understanding of rogibala and rogabala concept to derive chikitsa sutra, Ayurvedic interpretation of all relevant findings of modern clinical examinations, various Laboratory and other diagnostic tools, Understanding of diagnostic procedures in medical emergencies, Concept of Good clinical practice in Ayurveda and modern medicine.
3. Knowledge of standard clinical laboratory set up useful for Ayurvedic practice, Knowledge of Ancillary common laboratory investigations for diagnosis of diseases, their methods, normal and abnormal values, factors influencing values and their Ayurvedic interpretations & clinical significance, Importance of Bio markers and their utility in clinical researches, Update knowledge of emerging diagnostic tools and technologies, Knowledge of various Ayurvedic diagnostic software's /programs available, AvayavaPariksha-Radio-imaging Techniques, Sonological Techniques, ECG, EEG, etc and their clinical interpretation.
4. **VikritiVigyana and JivanuVigyana:-** Introduction to pathology and technique for the study of pathology, cell injury and cellular adaptations, Immuno-pathology including amyloidosis and its interpretation with the concept of Ojas vis-à-vis Bala, Concept of Shotha versus

inflammation, oedema and healing, Derangement of Homeostasis and Hemodynamic disorders, General character and classification of Neoplasia.

5. UpasargajanyaVyadhi (Communicable diseases)- Romantika-Masurika-Upadamsha-Phirang and introduction to Syphilis, AIDS, Leprosy, Tuberculosis, Detail study of KrimiVigyanam versus infectious and parasitic diseases along with their mode of infection and life cycle, Concept of Snayuka, Shleepada and introduction to Filariasis and classification of common parasites, Concept and applied aspects of Janapadodhvamsa and Environmental diseases, Nutritional disorders, Concept of genetic diseases and its interpretation in terms of Bija Dosha, Knowledge of common Bacteria, Virus, Parasites, Fungi and their classification with their disease processes, nutrition requirements, media and methods for culture and sensitivity.
