

## KPSC ENTRANCE EXAMINATION SYLLABUS FOR THE POST OF PROFESSOR

### ROGANIDANA

1. Knowledge of diseases mentioned in the classics, samprapti of diseases with NidanaPanchaka interpretation including upadrava, arishta, sadhyasadyata and chikitsa sutra.
2. Concept and pathological implications of Tridosha, Concept of rakta as a chaturthadosha, Doshadhathuaashrayaashrayibhava and its utility, doshagati, Concept of marga and sthanastadosha, dhathuposhanakrama and dhathusamvahana, ashayapakarsha, doshapaka and dhathupaka.
4. Role of .Dosha-DushyaSammurchhana in diagnosis and treatment. Concept of bija, bijabhaga and bijabhagaavayava, Classification of vyadhi and basic knowledge of hereditary, congenital, acquired, multifactorial, traumatic and environmental disorders
5. Concept and applied aspect of Srotas, its importance in health and disease, difference between srothodusti and khavaigunya along with the diseases of each srotas.
5. Concept of samnyaja and nanatmajavyadhis and Clinical application of avarana in diagnosis and its importance in chikitsa sutra.
6. Concept of Agni and its role in manifestation of disease, Ama, Sama and Nirama stages,
5. Understanding the samprapti of santarpanotta and apatarpanottavyadhis, nutritional disorders.
6. concept of vyadhisankara in Ayurveda, relation between "Hetu&Laxana" and "Samprapti&Laxana"
7. Nidanakaratawa of contemporary food items and life style, life style disorders.
8. knowledge of vyadhikshamatva, ojas.
9. Knowledge regarding hepatitis, bleeding disorders, gout, leukemia, TAO, cell injury, edema, shock, hemorrhage, thrombosis, embolism, ischemia, infarction, tumour, infection, micro organisms – bacteria, virus, nutritional disorders.
10. General diagnostic principles of anuktavyadhis like AIDS, dengue, chikungunya, H1N1, leptospirosis and metabolic syndrome, etc.
11. Knowledge of current diagnostic tools like ECG, X-RAY. CT scan, MRI and USG and analysis with ayurveda interpretation.
12. Importance of different types of Examination like dvividha, trividha, chaturvidha, dashavidha
13. Knowledge of communicable diseases, Oupasargikavyadhis, and Krimivignana
14. Fundamental principles of laboratory tests like hematology – CBC, ESR, CT, BT, PT, ABO grouping, Rh typing
15. Urine examination - routine and tailabindupariksha
16. Stool examination- ova, cyst, ama, nirama and occult blood
17. Knowledge of sputum examination and semen examination

18. Blood glucose, serum bilirubin, serum creatinine blood urea, lipid profile, serum uric acid, RA factor, WIDAL