

SYLLABUS FOR PROFESSOR GROUP IN KPSC EXAMINATION SHAREERA KRIYA

- Application of loka-purusha samyta in today's era.
- Relevance of different views in the concept of purusha and practical application of it in chikitsa purusha.
- Biological rhythms of tridosha, dhatu, mala on the basis of day-night-age and season with food intake.
- Practical application of role of dosha in the formation of prakruti of individuals.
- Demonstration of role of dosha in maintaining of health.
- Concept of dosha, dhatu, upadhatu, mala with panchbhoutika composition in understanding cellular physiology.
- Concept of ojas in understanding auto immune disorders.
- Concept and recent advances in deha prakruti.
- Detail understanding of physiological aspect of indriya panchakas.
- Concept of aahara vidhi vidhana, aaharpachan in today's lifestyle.
- Detail understanding of physiology of pain, temperature, speech articulation.
- Applied physiological aspect of agni in chikitsa.
- Physiological classification of koshtha and characteristic features of each type of koshtha in detail.
- Biochemical changes brought about during process of digestion and metabolism of various proteins, fat, carbohydrates and its cellular level changes according to ayurveda.
- Various physiological functions of nervous system (CNS, PNS and ANS) in the physiology of digestion and excretory system.
- Various physiological functions of nervous system (CNS, PNS and ANS) in the physiology of cardiovascular, blood, respiratory, musculoskeletal system.
- Through knowledge of utilizing physiological instruments and its indication in various abnormal conditions-physiography, computerized spirometry, biochemical analyser, pulse oxymetry, elisa reader, hematology analyser and tread mill.
- Recent researches and advance in the aspect of physiology in –
 - Biorhythms
 - Neuroimmune and endocrinology

- Stem cell research

SYLLABUS FOR PROFESSOR GROUP IN KPSC EXAMINATION SHAREERA RACHANA

- Garbha Shaarira – Details Knowledge about Garbhavakranti, Garbhotpaadakara bhavas, Garbaabhivruddhi, Garbha poshana, Yamala Garbha, Garbha Vikruthi, Anuvamshikata.
- Detail Knowledge about Sira – Dhamani-Srotas-Kosthanga- Ashaya- Kalaa- Snayu-Kandara-Rajju-Peshi- Asthi-Sandhi-Sanghata as told by various Acharyas and their equivalent demonstrable by Cadavere dissection.
- Detail knowledge of Marmas with its medical & surgical / relevance.
- Detail knowledge about whole body dissections preservation techniques of cadaver, preparations of soft tissue specimens, plastination, lumen casting techniques.
- Concept of Radiological Techniques and interpretation of X-ray, MRI, CT Scans, USG, Doppler etc.