

**COURSE WORK EXAM
PHD SYLLABUS OF RACHANA SHAARIR DEPARTMENT**

1. SHARIROPKRAMA

1. Basic principles of Sharira, Purushavichaya, Rashi Purusha, Karma Purusha (Shad Dhatuj Purusha), Chaturvimshati Purusha, Ek Dhatu Purusha. Relevant principles described in the Sharirasthan of Sushrut Samhita, Charak Samhita, Ashtang Sangrah and Ashtang Hridaya.

2. GARBHA SHAARIR

1. Introduction of Garbha Sharir
2. Explanation of Basic Embryology, and Systemic embryology.
3. Knowledge of basic facts in advancement in Anuvanshiki (Genetics) and Garbhajavikara (Teratology).

3. KOSHTHANGA SIRA DHAMANI SROTAS SHAARIR

- 1) **Koshthanga Shaarira:** - Detail etymological derivation of 'Koshtha' and Koshthanga, including detail study of structure of each Koshthanga with applied aspect.
- 2) **Ashaya:** - Definition, detail description.
- 3) **Kala Shaarira:** - Etymology, Definition, description of Seven Kala with their Modern component and applied aspects.
- 4) **Paribhashika Shaarira:** - Snayu, Kandara, Rajju, Sanghata, Jala etc. and their general description.
- 5) **Sira, Dhamani and Srotas Shaarira:** - Etymological derivation, definitions, synonyms, number and types of Sira, Dhamani and Srotas, and clinical importance of Sira, Dhamani and Srotas including Modern Anatomical counter parts.

4. MARMA SHAARIRA EVUM ASTHI SANDHI PESHEE SHAARIRA

- 1) **Marma Shaarira:** - Derivation and definitions of the term Marma and their features, characteristics and number of Marma according to Sushruta Divisions of Marma on morphological basis. Applied Concept of Marma Chikitsa.
- 2) **Asthi Shaarira :-** General introduction and description of Asthi,. Detail study of each bone with its ossification & Applied anatomy.
- 3) **Sandhi Shaarira:** - Etymological derivation, description, features, number, types and Applied anatomy of all Sandhi (joints).
- 4) **Peshee Shaarira :-** Etymological derivation, description, features, number, types and Applied anatomy of all Peshee (Muscles).

5. TANTRA SHAARIRA

1. **Shat Chakra** - Location and significance in Yoga. Description of Ida, Pingala, Sushumnanadi.
2. **Neuro Anatomy** : Anatomy of brain and spinal cord, Peripheral nervous system (explanation of Nerve Plexuses and peripheral nerves, Cranial nerves and Autonomic nervous system, Blood supply of Brain, Meninges with Applied Anatomy.

6. RADIOLOGICAL ANATOMY :

1. **Basic Concept of Radiological Techniques** : X-ray, MRI, USG , C.T Scan

22/2/25