

KPSC SYLLABUS FOR THE POST OF PROFESSOR IN BALAROGA

- Ayurvedic genetics with modern interpretations: Shukra, Shonita, Shukra Shonita Doshas, Bija-Bijabhaga-Bijabhagavayava Vikriti, Matrija and Pitraja Bhavas, Yajjah Purushiya and Atulyagotriya; Measures for obtaining good progeny.
 - . Multifactorial pattern of inheritance: Teratology, Cancer Genetics ó Haematological malignancies, Pharmacogenetics.
 - . Chromosomal disorders
 - Garbha Masanumasika Vriddhi evam Vikasa (Ayurvedic and modern concepts of Embryo and Fetal development)
- 5) Nabhinadi (Umbilical Cord)
 - 6) Formation and features of umbilical cord
 - 7) Garbha Poshana (Nutrition) from conception to birth.
 - 8) Garbha Vriddhikara Bhavas.
 - 9) Garbhopaghatkara Bhavas, Effect of maternal illness, medication and diet over fetus.
 - 10) Perinatal Care and Perinatal complications
- 11) Prasava Kalina Abhighataja Vyadhi (Birth injuries): Upashirshaka (Caput Succedaneum, cephalohematoma), Bhagna (Fractures), Mastishkantargata
 - 12) Navajata Shishu Parikshana (Examination of new born): Ayu Parikshana (including Lakshanadhyaya) Modern approach of Neonatal Examination including assessment of gestational age.
 - 13) Navajata Shishu Vyadhi (Early neonatal disorders): Hypothermia, Shwasavarodha (Asphyxia Neonatorum/Respiratory distress), Ulvaka (Aspiration pneumonia), Rakta Vishamayata (Neonatal septicemia), Kamala (Neonatal Jaundice), Akshepaka (Neonatal convulsion), Pandu (Anemia), Atisara (Diarrhea), Asamyak Nabhinala kartanajanya vyadhi.
 - 14) Disorders of Pranvaha Srotas (Respiratory disorders)- Kasa (Cough), Shwasa (Respiratory distress Syndrome), Tamaka Shwasa (Childhood Asthma), Bronchiolitis, Shvasanaka Jwara (Pneumonia- bacterial, viral etc) Rajyakshma (Tuberculosis), Vaksha-Puyata (Pyothorax), Vaksha Vata-Purnata (Pneumothorax).
 - 15) Disorders of Annavaha Srotas (Gastrointestinal disorders): Jwara (Fever), Chhardi (Vomiting) Ajirna (Indigestion), Kshiralsaka, Atisara (Diarrhea), Pravahika, Vibandha (Constipation), Udarshula (Pain in abdomen), Guda bhamsha (Rectal prolapse).
 - 16) Disorders of Rasa evam Raktavaha Srotas (Hematological and circulatory disorders): Pandu (Anemia) and Raktapitta (Bleeding disorders), Vishishta Hridroga (Specific cardiac diseases), Hypertension, Leukemia.
 - 17) Disorders of Mutravaha srotas (disorders of Urinary System): Vrikkshotha (Glomerulonephritis and nephrotic syndrome), Mutrakrichra (Dysuria), Mutraghata (Anuria)
 - 18) Disorders of Vata vaha Sansthana (disorders of Nervous system) : Apasmara (Epilepsy), Mastulunga-Kshaya, Mastishka-Shotha (Encephalitis), Mastishkavrana-Shotha (Meningitis).
 - 19) Disorders of Manovaha Srotas : Breath holding spell, Shayya mutra (Bedwetting), Autism, ADHD (Attention Deficit and hyperactive disorders), Learning Disability, Mental retardation, Temper tantrum, Pica.
 - 20) Krimi evam Aupsargika Vyadhi (Infestations and Infections): Krimi (Giardiasis and intestinal

helminthiasis, Amoebiasis) Common bacterial, viral infections with special reference to vaccine-preventable diseases: Rohini (Diphtheria), Whooping cough, Aptanaka (Tetanus including neonatal tetanus), Romantika (Measles), Karnamula Shotha (Mumps), Rubella, Masurika (Chickenpox), Antrika Jwara (Typhoid and Paratyphoid), Viral Hepatitis, Vishama Jwara (Malaria), Kala-azar, Dengu fever, HIV (AIDS), Poliomyelitis, Chickengunia.

21) Tvak Vikara (Skin disorders): Ahiputana (Napkin Rashes), Shakuni (Impetigo), Sidhma, Pama, Vicharchika, Charmadal (Infantile atopic dermatitis), Gudakutta.

22) Significant contributions of Kashyapa samhita, Arogya raksha Kalpadrum and other texts / treatises of Ayurveda such as Harita Samhita in the field of Kaumarbhritya including relevant parts from Brihatrai46. Panchakarma: Principles of Panchakarma, and their application in pediatric practice.

23) Drug and Doses in Pediatrics.