

1.

- A. History-taking In Paediatrics
- B. Epilepsy in children, Febrile Seizures
- C. Vomiting, Differential Diagnosis

2.

- A. Physical Exam in Paediatrics, specifics for individual age groups.
- B. Tuberculosis in Children
- C. Hypoglycemia, Differential Diagnosis

3.

- A. Premature newborn: classification of age periods, specific characteristics, Mortality and diseases
- B. Diabetes Mellitus type 1.
- C. Joint Swelling, Differential Diagnosis

4.

- A. Physiological newborn: physical findings of a mature newborn, characteristics of the neonatal period, common diseases
- B. Cystic Fibrosis
- C. Disorders of Calcium-phosphate metabolism, Differential Diagnosis

5.

- A. Preschooler and young-schooler: main characteristics of the period, growth and development, common diseases
- B. Intrauterine Infections
- C. Polyuria, Differential Diagnosis.

6.

- A. Infant and toddler: main milestones of the period, growth and development, common diseases
- B. Disorders of adrenal glands function
- C. Gastrointestinal bleeding, Differential Diagnosis

7.

- A. Adolescent: main characteristics of the period, growth and development, common diseases, HEADSS
- B. Liver Diseases in Paediatrics
- C. Hypertension, Differential Diagnosis.

8.

- A. Assessment of growth and development, growth charts analysis
- B. Congenital heart disease and malformations
- C. Diarrhea, Differential Diagnosis

9.

- A. Breastfeeding (composition of breast milk, comparison with artificial milk formula, importance, contraindications)
- B. Disorders of sexual differentiation
- C. Abdominal pain, Differential Diagnosis

10.

- A. Nutrition of the child in infancy and toddler age, risks of alternative diets
- B. Cardiomyopathy and heart arrhythmias in children
- C. Neuroinfections, Differential Diagnosis and treatment

11.

- A. Artificial milk formulas, types of formulas and their use in clinical practice
- B. Disorders of adenohypophysis
- C. Fever, hyperpyrexia, body temperature: definitions, therapy

12.

- A. Basic and advanced cardiopulmonary resuscitation of newborn and child
- B. Congenital malformations of respiratory tract
- C. Failure to thrive (FTT) in infancy and toddler age, Differential Diagnosis

13.

- A. Acute expiratory dyspnea – clinical manifestation, Differential Diagnosis, therapeutic approach
- B. Inflammatory bowel diseases
- C. Hematuria in children, Differential Diagnosis.

14.

- A. Acute inspiratory dyspnea – clinical manifestation, Differential Diagnosis, therapeutic approach
- B. Diseases of the gallbladder, bile ducts, and pancreas in children
- C. Neuromuscular diseases, Differential Diagnosis.

15.

- A. Foreign body in airways and gastrointestinal tract
- B. Nephrotic syndrome
- C. Developmental delay, Differential Diagnosis and treatment.

16.

- A. Allergic reaction, anaphylactic shock
- B. Congenital malformation of gastrointestinal tract
- C. Hypotonia of newborn and infant, Differential Diagnosis

17.

- A. The most common intoxications in childhood and their therapy
- B. Pneumonia in children
- C. Proteinuria in children, Differential Diagnosis

18.

- A. Burn injury
- B. Acute glomerulonephritis, nephritic syndrome
- C. Musculoskeletal pain, Differential Diagnosis

19.

- A. Acute abdomen in paediatrics, signs and symptoms, Differential Diagnosis, therapy
- B. Peri-, myocarditis and endocarditis in children

C. Common childhood exanthems, Differential Diagnosis

20.

- A. Oral and parenteral rehydration, realimentation
- B. Asthma bronchiale
- C. Hyperbilirubinemia, Differential Diagnosis, treatment

21.

- A. Specific Features of Pediatric Pharmacotherapy
- B. Acute and Chronic Renal Failure
- C. Thyroid Gland Disorders, Differential Diagnosis

22.

- A. Immunisations: Principles and its importance, Vaccination schedule, Obligatory and voluntary Immunisations, Adverse effects
- B. Urinary Tract Infections in Children
- C. Premature and Delayed Puberty, Differential Diagnosis

23.

- A. Neonatal Screening – clinical and laboratory
- B. Primary Systemic Vasculitis
- C. Malabsorption Syndromes in Children, Differential Diagnosis

24.

- A. Preventive examination in Primary Pediatric Care, Screening in Paediatrics
- B. Upper Respiratory Tract Infections, Clinical Manifestations and Treatment
- C. Heart Murmurs, Differential Diagnosis

25.

- A. Early Neonatal Care, Postnatal Adaptation and First Examination by Paediatrician after birth.
- B. Systemic Autoimmune Disorders
- C. Headache, Meningeal signs, Differential Diagnosis.

26.

- A. Life-threatening Congenital Malformations in a newborn
- B. Gastroesophageal Reflux, Infant Colic
- C. Lymphadenopathy, Differential Diagnosis

27.

- A. Birth traumas
- B. Leukemia and Lymphoma in children
- C. Growth Disorders, Differential Diagnosis

28.

- A. Genetic testing in Paediatrics, Chromosomal aberrations, Types of inheritance and associated diseases.
- B. Syndrome of risky behavior in adolescence, Drug-abuse, Possibilities of intervention
- C. Hepatopathy and Hepatomegaly, Differential Diagnosis

29.

- A. Specific Features of Biochemistry and Hematology Tests in Children
- B. Reactive arthritis, Rheumatic fever, Juvenile idiopathic arthritis
- C. Splenomegaly, Differential Diagnosis.

30.

- A. Blood-gas and Acid-Base status analyses, interpretation
- B. Micturition Disorders and Enuresis, Dysuria, Anuria, Oliguria
- C. Anaemia, Differential Diagnosis.

31.

- A. Pneumopathies in newborns, RDS
- B. Parasitic infections
- C. Collapse, Syncope in children, Differential Diagnosis

32.

- A. Apnoea, Acute life-threatening conditions in infancy (ALTE/BRUE, SIDS), Differential Diagnosis
- B. Congenital and Acquired Coagulopathies in Children
- C. Immunodeficiencies, Differential Diagnosis.

33.

- A. Shock (classification, causes, treatment) (classification, causes, treatment)
- B. Congenital Malformations of the Urinary Tract
- C. Stooling, Constipation disorders, Anal prolapse, Differential Diagnosis

34.

- A. Child abuse and neglect syndrome (CAN)
- B. Disorders of Lipid Metabolism
- C. Oedema, Differential Diagnosis

35.

- A. ADHD, specific learning disabilities, autism
- B. Disorders of Carbohydrate Metabolism
- C. Disorders of Consciousness, Convulsions, Differential, First aid

36.

- A. Vitamin Deficiency in childhood
- B. Lysosomal Disorders
- C. Cough, Differential Diagnosis

37.

- A. Obesity, Treatment, and Complications
- B. Perinatal Hypoxia and Asphyxia, HIE, Therapy
- C. Cardiac Failure in children, Causes, Clinical manifestations, Treatment

38.

- A. Neonatal sepsis – Early and Late, Causes, Clinical Manifestations, Treatment
- B. Intertrigo, Atopic eczema, Seborrheic dermatitis
- C. Respiratory failure in children, Causes, Clinical manifestations, Treatment

39.

- A. Eating disorders
- B. Tumours in children
- C. Chest pain in children, Differential Diagnosis

40.

- A. Acute gastroenteritis in children, causes, clinical manifestations, treatment
- B. Disorders of amino acids metabolism
- C. Cyanosis in children, Differential Diagnosis.