**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.