

## FINAL STATE RIGOROUS EXAMIN FROM PAEDIATRICS

### QUESTIONS

	<b>1<sup>st</sup> question</b>	<b>2<sup>nd</sup> question</b>	<b>3<sup>rd</sup> question</b>
<b>1.</b>	Cardiopulmonary resuscitation, transport of critically ill patient	Haematuria – differential diagnosis	Health problems in adolescents, psychosocial characteristics of adolescents
<b>2.</b>	Shock and its treatment	Growth disturbances in childhood	Vasculitis in children
<b>3.</b>	Multiorgan dysfunction syndrome and polytrauma	Vaccination (importance, principles of post-vaccination immunity, classification of vaccines)	Chromosomal abnormalities
<b>4.</b>	Disorders of consciousness - differential diagnosis	Bronchopulmonary dysplasia	Obesity in childhood
<b>5.</b>	Apparent life-threatening events and sudden infant death syndrome	Allergic rhinoconjunctivitis	Hypo- & hyperparathyroidism
<b>6.</b>	Burns in childhood	Bronchial asthma and status asthmaticus – specificities of management in childhood	Acute diarrhoea in children
<b>7.</b>	Intoxications and general care of intoxicated child	Tuberculosis	Growth and development of a child and nutrition status evaluation
<b>8.</b>	Acute respiratory failure, ALI ARDS	Lymphadenopathies – differential diagnosis in children	Vitamin D and its importance in childhood, rickets in children
<b>9.</b>	Acute and chronic renal failure in childhood	Fever in children – differential diagnosis and treatment	Syndrome of risk behaviour in adolescence
<b>10.</b>	Dehydration – clinical symptoms, principles of peroral and parenteral rehydration and re-alimentation	Cyanosis in children – differential diagnosis	Mental retardation – differential diagnosis and diagnostic strategies (genetic reasons, inborn errors of metabolism, secondary causes, endocrinopathies)
<b>11.</b>	Acute respiratory failure in new-borns – differential diagnosis	Oncological diseases in childhood – classification, general symptoms, diagnostic approach	Constipation in children – differential diagnosis
<b>12.</b>	Resuscitation of newborn	Chest pain in children – differential diagnosis	Food intolerance (lactose intolerance, histamine intolerance & others)
<b>13.</b>	Neonatal sepsis	Heart murmurs in children – differential diagnosis	Recurrent respiratory tract infections in children and physiological morbidity
<b>14.</b>	Ventilation re-alimentation support of new-borns and children	Hypo- & hyperglycaemia in children – differential diagnosis	Food allergies (cow milk allergy & others)
<b>15.</b>	Critical congenital heart defects in neonatal period	Acute abdominal pain in children – differential diagnosis according to the particular age categories	Childhood stages and evaluation of psychomotor development
<b>16.</b>	Coagulopathies in childhood	Inflammatory diseases of upper airways according to the particular age categories in children and adolescents	Urinary tract infections
<b>17.</b>	Streptococcal sepsis in newborn	Wheezing and stridor in children – differential diagnosis	Idiopathic inflammatory bowel diseases in children and adolescents
<b>18.</b>	Defects of internal environment and mineral metabolism	Cough – differential diagnosis in childhood	Natural nutrition of new-born and toddler. Importance and constitution of mother milk.
<b>19.</b>	Allergic reactions, anaphylactic	Infant infectious diseases – Lyme	Gastrointestinal bleeding –

	shock and its treatment	diseases, endemic parotitis, infectious mononucleosis	differential diagnosis according to the particular age categories
20.	Cyanotic congenital heart defects	Malabsorption syndromes	Sleep disorders in children
21.	Hypertension in paediatrics	Pneumonias in newborns and toddlers	Hypoglycaemia in newborns – differential diagnosis
22.	Primary immunodeficiencies of non-specific immunity (phagocytosis, complement system)	Parasitic diseases in childhood and their therapy	Adrenal gland disorders. Congenital adrenal hyperplasia.
23.	Defects of mucociliary clearance in children	Vaccination (contraindications, side effects, vaccination of specific groups of patients, vaccination and travel medicine)	Intracranial hypertension in childhood
24.	Cyanotic newborn – differential diagnosis	Haemolytic-uremic syndrome	Dyspnoea – differential diagnosis
25.	Disorders of pancreas in children and adolescents	Diffuse parenchymal lung diseases in children	Thyreopathies in childhood – differential diagnosis. Congenital hypothyroidism.
26.	Hypotrophic newborn	Primary antibody immunodeficiencies	Supplementary milk formulas in the first year of life, introduction of solid non-dairy food to infants
27.	Extremely premature newborn	Non-cyanotic congenital heart defects	Corticotherapy in children – indications, side effects, peculiarities of pharmacotherapy in children
28.	Postnatal adaptation of newborn	Inborn errors of lipid metabolism	Atopic dermatitis in children.
29.	Ethical issues in neonatology	Cystic fibrosis	Congenital anomalies of gastrointestinal tract.
30.	Newborn screening tests	Primary immunodeficiencies of specific cellular immunity	Non-infectious diseases of liver in children
31.	Neonatal hyperbilirubinemia	Inflammatory diseases of lower airways according to the particular age categories	Accelerated and retarded puberty. Disorders of sexual differentiation.
32.	Classification of newborns, first examination and nursing	Arthritis and arthralgia in childhood. Juvenile idiopathic arthritis	Immune system development in childhood.
33.	Perinatal asphyxia	Syncope - differential diagnosis	Inborn errors of carbohydrate metabolism.
34.	Neonatal birth injuries	Proteinuria – differential diagnosis	Inborn errors of amino acids metabolism.
35.	IRDS	Enuresis in children	Henochova-Schönlein purpura
36.	Acute respiratory tract diseases in newborns	Acquired anaemias in childhood	Systemic connective tissue diseases (systemic sclerosis, juvenile dermatomyositis/polymyositis, Sjögren syndrome). Neonatal rheumatology. Systemic lupus erythematosus.
37.	Persistent newborn pulmonary hypertension syndrome	Exanthematous diseases in children	Child abuse and neglect syndrome
38.	Intracranial haemorrhages and hypoxic-ischaemic encephalopathy of newborns	Inflammatory diseases of heart	Gastroesophageal reflux in childhood
39.	Necrotising enterocolitis	Idiopathic nephrotic syndrome	Chronic disorders of nutrition in children. Anorexia and bulimia in children and adolescents.
40.	Congenital neonatal infections	Acute and chronic	Inflammatory diseases of central

		glomerulonephritis	nervous system.
41.	Retinopathy of prematurity	Congenital anomalies of kidney and urinary tract	Chronic abdominal pain in children – differential diagnosis.
42.	Leukaemia and lymphomas	Aspiration of solid and liquid substances	Diabetes mellitus in childhood, diabetic ketoacidosis.
43.	Congenital anaemia	Vaccination (national immunization program, compulsory, voluntary and recommended vaccination, vaccination performance)	Differential diagnosis of seizures in children and their treatment
44.	Thrombocytopenias and thrombocytopathies in childhood	Congenital anomalies of respiratory systems	Differential diagnosis of headache in childhood and adolescence
45.	Haemorrhagic disease of newborn	Differential diagnosis of vomitus in children	Infant infectious exanthematous diseases (rubella, chickenpox, measles, fifth and sixth disease)