

Final state examination from pediatrics– Examination questions

1. Adaptation to extrauterine life
Seizures in infants and children
Hereditary disorders linked to chromosome X
2. Low birth weight newborns
Osteomyelitis
Principles of cardiopulmonary resuscitation in infants and children
3. Fetal and neonatal infections
Rheumatic diseases
Complex care of children at special environmental risk - social pediatrics
4. Emergency situations in neonatology
Hemolytic-uremic syndrome
Child abuse and neglect
5. Neonatal asphyxia (early and late forms)
Renal tubular disorders
Inborn errors of lipid metabolism
6. Jaundice in newborns
Lymphadenopathy (differential diagnosis)
Milestones of speech, motor and social development
7. Hemolytic disease of the newborn
Thyroid diseases
Feeding after the first year of life
8. Hemorrhagic disease of the newborn
Diseases of bones and joints
Solid tumors in infancy and childhood
9. Chromosomal abnormalities and prenatal genetic diagnosis
Growth disorders
Poisons, intoxications and burns
10. Food allergy
Intracranial hypertension
Screening in pediatrics (prenatal, neonatal, preschool, school age)
11. Acute feeding disturbances in toddlers (diarrhea and its treatment)
Unconsciousness (differential diagnosis)
Rational antibiotic treatment in infancy and childhood

12. Monogenic diseases with autosomal recessive inheritance
Disorders of calcium and phosphate metabolism (rickets, tetany)
Glucocorticoid treatment and its complications
13. Adrenal gland disorders, congenital adrenal hyperplasia
Enuresis, incontinence, encopresis
Oxygen therapy – principles, indications and complications
14. Congenital heart diseases with left-to-right shunt
Hypertension in children
Abdominal pain (differential diagnosis)
15. Cyanotic heart defects
Leukemia in children
Infusions – types and indications
16. Inflammatory heart diseases
Coagulation disorders (hemophilia, disseminated intravascular coagulopathy)
Pediatric and neurological examination of newborns
17. Congenital heart diseases without shunt
Malignant lymphoma (Hodgkin's disease, non-Hodgkin's lymphoma)
Punctures – types and indications
18. Congenital disorders of the respiratory tract
Differential diagnosis of gastrointestinal bleeding (melena and hematemesis)
Exantemous infactions in children
19. Acute dyspnoe
Disorders of the biliary system and pancreas
Fever – causes and principles of its treatment
20. Bronchial asthma, obstructive bronchitis
Disorders of sexual development
Disorders of white blood cells (leucopenia, leucocytosis)
21. Acute and chronic respiratory failure
Lysosomal diseases
Vaccination
22. Disorders of the immune system
Kawasaki disease
Muscle diseases in children

23. Splenomegaly (differential diagnosis)
Obesity
Behavioral disorders
24. Bronchopneumonia and atypical pneumonia
Acute appendicitis and intussusception
Skin diseases in infancy and childhood
25. Congenital anomalies of the kidney and urinary tract
Sinobronchial syndrome, acute otitis, adenoid vegetations
Vomiting (differential diagnosis)
26. Acute and chronic renal failure
Cough and its treatment
Role of vitamins in nutrition of children
27. Anemia (classification, diagnosis, treatment)
Common ophthalmologic problems in children
Evaluation of kidney function in infants and children
28. Platelet disorders
Nephrotic syndrome
Tuberculosis in children
29. Hematuria and nephritic syndrome
Atelectasis, emphysema, pneumothorax
Changes in blood parameters during developmental
30. Urinary tract infections
Heart murmurs (functional and organic), age-related pediatric ECG findings
Blood transfusion and its complications
31. Hepatomegaly (differential diagnosis)
Cyanosis (differential diagnosis)
Headache
32. Cardiac failure
Bone fractures in children
Cerebral palsy in children
33. Polyuria and polydipsia
Disorders of cardiac rhythm
Breast feeding and its advantages
34. Diabetes mellitus type 1 and type 2 in children
Acute diseases of the upper airway
Formula feeding of infants
35. Hepatitis and hepatic failure
Tonsillitis and its complications

Pubertal development – physiological, precocious and delayed

36. Disorders of the acid-base balance
Infectious mononucleosis
Birth injuries
37. Cystic fibrosis
Congenital defects of carbohydrate metabolism
Responsibilities of the primary care pediatricians – preventive, curative and dispensary care
38. Malabsorption syndrome
Hypoglycaemic conditions
Atopic dermatitis
39. Congenital anomalies of the gastrointestinal tract
Disorders of the parathyroid gland
Congenital defects of amino acid metabolism
40. Differential diagnosis of jaundice
Septic and anaphylactic shock – diagnosis, clinical approach
Methemoglobinaemia
41. Disorders of water and electrolyte balance
Vomiting in newborns
Stridor (differential diagnosis)
42. Failure to thrive and anorexia
Inflammatory bowel diseases
Syphilis and AIDS in children
43. Sepsis
Interstitial lung diseases
Parasitic disorders
44. Oedema (etiology, differential diagnosis)
Meningitis and meningeal syndrome, encephalitis
Foreign body in airways