

STATE EXAMINATION IN PEDIATRICS

QUESTIONS

1ST GROUP OF QUESTIONS

1. Basic and advanced cardiorespiratory and cerebral resuscitation
2. Shock and treatment
3. Multiple organ dysfunction syndrome
4. Acute disorders of consciousness
5. Apparent life threatening event (ALTE) and sudden infant death syndrome (SIDS)
6. Burns
7. Polytrauma
8. Intoxications and general care of intoxicated child
9. Acute respiratory failure
10. Acute renal failure
11. Acute disorders of water and sodium metabolism
12. Heart failure in children
13. Neonatal respiratory failure
14. Neonatal resuscitation
15. Neonatal sepsis
16. Oxygen therapy in newborn
17. Appendicitis lymphadenitis mesenterialis, intestinal obstruction in older children
18. Disseminated intravascular coagulation (DIC) in pediatric
19. Streptococcal sepsis in newborns
20. Head injury
21. Status asthmaticus
22. Anaphylactic shock and treatment
23. Acute liver failure
24. Diabetic metabolic acidosis
25. Treatment of acute airway obstruction. Administration of oxygen endotracheal intubation.
Tracheostomy
26. Acute dehydration
27. Sepsis and septic shock
28. Injury of lungs by barotraumas
29. Haemolytic uraemic syndrome
30. Acute pancreatitis

31. Small for gestational age newborn
32. Very low birth weight newborn
33. Postnatal adaptation of newborn infant
34. Specific aspects of neonatal pharmacology
35. Screening examinations in newborns
36. Neonatal hyperbilirubinemia
37. Classification of newborn infants. Examination of the newborn infant. Care at delivery of newborn infant
38. Perinatal asphyxia
39. Traumatic delivery of newborn
40. Idiopathic respiratory distress syndrome (IRDS)
41. Acute respiratory disorders in newborn
42. Persistent pulmonary hypertension in newborns
43. Neonatal central nervous system disorders
44. Necrotizing enterocolitis
45. Congenital neonatal infections
46. Physiologic neonatal jaundice
47. Haemolytic disease of the newborn
48. Cyanotic newborn infant – dif. dg.
49. Leukemia
50. Lymphoma
51. Bone marrow disorders
52. Coagulation disorders
53. Anemia secondary to insufficient production
54. Autoimmune thrombocytopenic purpura
55. Haemolytic anemias

2ND GROUP OF QUESTIONS

1. Differential diagnosis of stridor
2. Differential diagnosis of peripheral airways obstruction
3. Differential diagnosis of cough
4. Differential diagnosis of restrictive pulmonary diseases
5. Congenital disorders of respiratory tract
6. Cystic fibrosis

7. Pneumonia in newborns and infants
8. Bronchiolitis
9. Interstitial lung disorders in children
10. Diseases of mediastinum
11. Diseases of pleura
12. Upper airway infections
13. Foreign body and fluids aspirations
14. Bronchopneumonia and pneumonia in school age children
15. Bronchopulmonary dysplasia
16. Asthma bronchiale
17. Atopy to pollen
18. Immunization
19. Primary humoral immunodeficiency
20. Primary cellular immunodeficiency
21. Congenital disorders of nonspecific immunity
22. Tuberculosis
23. Nosocomial infection
24. Differential diagnosis of cyanosis
25. Hypertension in children
26. Arrhythmias in children
27. Heart murmurs in children and differential diagnosis
28. Chest pain in children
29. Syncope and fainting
30. Congenital heart diseases, differential diagnosis
31. Congenital heart diseases with left to right shunt
32. Cyanotic congenital heart diseases
33. Congenital valvular heart diseases in children
34. Critical congenital heart diseases
35. Tetralogy of Fallot
36. Rheumatic fever
37. Infectious endocarditis
38. Myocarditis
39. Pericarditis
40. Acquired valvular heart diseases in children
41. Dilated cardiomyopathy
42. Hypertrophic cardiomyopathy
43. Differential diagnosis of hematuria

44. Differential diagnosis of proteinuria
45. Differential diagnosis of glomerulonephritis
46. Congenital disorders of urinary system
47. Urinary tract infections
48. Nephrotic syndrome
49. Tubulointerstitial nephritis
50. Chronic renal failure
51. Alport syndrome
52. Renal tubular acidosis
53. Enuresis in children
54. Urolithiasis in childhood
55. Tumors of kidneys

3RD GROUP OF QUESTIONS

1. Growth and development of child
2. Puberty – physiology and disorders
3. Numeric chromosomal disorders
4. Monogenic and polygenic inherited disorders
5. Generalized and localized lymphadenopathy
6. Anorexia nervosa and bulimia nervosa in children
7. Child sexual abuse and physical injury
8. Vasculitis in children
9. Systemic lupus erythematosus
10. AIDS
11. Atopic dermatitis
12. Juvenile rheumatoid arthritis
13. Henoch – Schoenlein purpura
14. Infectious diseases (varicella, herpes zoster)
15. Cytomegalovirus, Herpes simplex virus
16. Breast feeding in newborns and infants
17. Substitute milk nourishment in first year of child
18. The role of vitamins probiotics and prebiotics in the nutrition of children
19. Dif. dg. of abdominal pain in children
20. Congenital disorders of gastrointestinal tract – its upper tract
21. Congenital disorders of gastrointestinal tract – its lower part

22. Chronic nutritional disorders – (malnutrition)
23. Acute gastroenteritis in children
24. Gastrointestinal bleeding
25. Dif. dg. o constipation and encopresis
26. Inborn errors of aminoacids
27. Inborn errors of carbohydrates
28. Fkood allergy
29. Peptic ulcer diseases
30. Gastroesophageal reflux
31. Parazital diseases
32. Ulcerative colitis
33. Crohn diseases
34. Coeliakia
35. Infectious diseases of liver
36. Non infectious diseases of liver
37. Dif. dg. of headache
38. Dif. dg. of seizure disorders
39. Epilepsy and status epilepticus
40. Congenital disorders of central nervous system
41. Central nervous system infections
42. Central and peripheral nervous system tumors
43. Myasthenia gravis
44. Disorders of muscles
45. Corticosteroid treatment
46. Disorders of pituitary gland
47. Precocious and delayed puberty, disorders of sexual differentiation
48. Diabetes mellitus in children
49. Hyperthyroidism in children. Congenital hypothyroidism. Child hood onset hypothyroidism
50. Congenital adrenal hyperplasia (CAH)
51. Disorders of calcium metabolism
52. Hypoglycemia in newborns and children
53. Adrenal overactivity and underactivity
54. Rickets
55. Obesity – etiology, clinical manifestations treatment and prevention