

EXAM TOPICS
In Pediatrics
Year V medical students

1. Growth and puberty.
2. Normal child development.
3. Child mortality.
4. Nutrition.
5. Weight faltering and Malnutrition.
6. Obesity.
7. Vitamin D deficiency.
8. Neonatal Jaundice.
9. Congenital newborn infections
10. Acquired newborn infections
11. Birth injuries
12. Hypoxic-ischaemic encephalopathy.
13. Neonatal seizures
14. Haemorrhagic disease of the newborn
15. Allergy
16. Upper respiratory tract infection. Stridor.
17. Wheezing. Pneumonia.
18. Chronic lung infection. Cystic fibrosis.
19. Tuberculosis
20. Asthma
21. Respiratory failure
22. Vomiting
23. Acute and Recurrent abdominal pain
24. Malabsorption
25. Chronic non-specific diarrhea. Inflammatory bowel disease.
26. Constipation
27. Liver disease in older children - Chronic hepatitis, Autoimmune hepatitis, Wilson disease
28. Cardiac disorders - Circulatory changes at birth, Diagnosis.
29. Cardiac disorders Left-to-right shunts
30. Cardiac disorders Right-to-left shunts
31. Cardiac disorders Outflow obstructions
32. Cardiac arrhythmias
33. Infective endocarditis. Myocarditis/cardiomyopathy
34. Arthritis - Juvenile idiopathic arthritis. Rheumatic fever
35. Vasculitis – lupus, dermatomyositis, scleroderma, Henoch – Schonlein purpura, Kawasaki disease
36. Urinary tract infection. Urinary tract obstruction
37. Proteinuria
38. Haematuria
39. Acute kidney injury Haemolytic uraemic syndrome
40. Hypertension
41. Anaemia – Impaired red cell production.
42. Anaemia - Increased red cell destruction (haemolysis)
43. Bleeding disorders – Haemophilia von Willebrand disease.

44. Bleeding disorders - Thrombocytopenia
45. Leukaemia
46. Lymphomas - Hodgkin lymphoma, Non-Hodgkin lymphoma
47. Neuroblastoma. Wilms tumour (nephroblastoma)
48. Diabetes
49. Thyroid disorders
50. Adrenal disorders.
51. Short stature.
52. Premature sexual development. Delayed puberty
53. Seizures. Febrile seizures. Paroxysmal disorders. Epilepsies
54. Central motor disorders. Cerebral palsy.
55. Peripheral motor disorders - Spinal muscular atrophy, Bell palsy and facial nerve palsies, Guillain–Barré syndrome (acute post-infectious polyneuropathy), Duchenne muscular dystrophy.
56. Microcephaly and macrocephaly Neural tube defects and hydrocephalus
57. Developmental delay
58. Accidents
59. Poisoning
60. Immunodeficiency

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