

**Write short notes on:**

1. a) Discuss the etiology of chronic diarrhea in infants under 6 months of age. 6+4  
b) Discuss the broad principles of diagnosis & management of infants under 6 months with chronic diarrhea.
2. Discuss the management of a 5-year-old child presenting with severe acute ulcerative colitis. 10
3. Discuss the approach to diagnosis and management of a 50-day old child with failure to thrive and pale stools since birth. 10
4. a) Discuss the etiology of acute pancreatitis in children. Enumerate the commonest three causes seen in children. 3+3+4  
b) Discuss the diagnosis of acute pancreatitis in children.  
c) Discuss the broad principles of management of acute pancreatitis in children.
5. a) Enumerate the hepatic glycogen storage disorders. 3+2+5  
b) Give a diagrammatic explanation of the enzyme defects of the hepatic GSD's.  
c) Clinical features, biochemical abnormalities and treatment & follow up of children with GSD Type 1.
6. a) Discuss the approach & management of a 3-year-old child with vertically acquired chronic hepatitis B. 5+5  
b) Discuss the approach to management of a newborn of an HCV positive mother with positive Anti HCV antibodies.
7. a) Discuss the etiologies of massive lower gastrointestinal bleeding in children. 4+6  
b) Discuss the diagnostic algorithm of obscure Gastrointestinal bleeding in children.
8. a) Discuss the diagnosis & management of Bovine milk protein allergy in children. 5+5  
b) How will you follow up and monitor compliance in children with coeliac disease?
9. a) Discuss the etiology of low GGT cholestasis in infants. 3+5+2  
b) Discuss the management of low GGT cholestasis with severe pruritis in children.  
c) Enumerate the types of PFIC you know of. Also mention the genetic defects.
10. Discuss the principles of immunosuppression in children with liver transplantation. 10