

091/20

**The West Bengal University of Health Sciences  
M.D. (Paediatrics) March-April, 2020 Examination**

Paper: III

Full Marks: 100

Time: 3 Hours

*Attempt all questions*

1. What features are used to make a diagnosis of Congenital Tuberculosis? How will you provide chemoprophylaxis in a neonate whose mother is an open case of Pulmonary Tuberculosis? 5 + 5
2. Name the Lipid Storage disorders. What are the Characteristic features which help distinguish a white matter neurodegenerative disorder from a gray matter neurodegenerative disorder? 5 + 5
3. Write briefly the pathogenesis, clinical manifestation, diagnosis and management of X-Linked Agammaglobulinemia . 2 + 2 + 3 + 3
4. Describe the pathogenesis of Hemolytic – Uremic syndrome (HUS)? Write the clinical features, differential diagnosis, investigation and management of HUS in a child . 4 + 6
5. Define precocious puberty and its classification. Enumerate the causes of precocious puberty and outline the approach to a 6 year old girl presenting with development of secondary sexual characters . 4 + 6
6. Enumerate the causes of Renal Rickets? How will you proceed to evaluate a child with suspected renal rickets? 5 + 5
7. Enumerate the causes of failure to thrive in a 4 year old child . Discuss the clinical feature, diagnosis, management and complications of coeliac disease. 4 + 6
8. How will you proceed to evaluate a 1 month old infant with jaundice and acholic stools? 10
9. When will you suspect a child to have Autistic behaviour? How will you manage the child and counsel the parents? 5 + 5
10. Describe the approach to diagnosis of a dysmorphic infant? What is the recurrence risk in a 2<sup>nd</sup> degree consanguineous couple with history of one child with an Autosomal Recessive disorder? 5 + 5