

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS**

**PAPER IV – SPECIALITIES OF PAEDIATRICS MEDICINE AND
RECENT ADVANCES**

Q.P. Code: 202085

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Outline the Etiopathogenesis of chronic Diarrhoea and provide a scheme of investigation for a child with Chronic Diarrhoea.
2. (a) Biology and role of Cytokines in newborn infant.
(b) Techniques of surfactant administration.
(c) Diagnosis and management of Persistent Pulmonary Hypertension in Newborn (PPHN).

II. Write notes on:

(10 x 7 = 70)

1. Management of Cerebral Malaria.
2. Recombinant factor VII a.
3. Indication and mode of action and side effects of IVIG in paediatric practice.
4. Immunophenotyping in the diagnosis of ALL and management of ALL in children.
5. Milrinone.
6. Revised 2014 WHO Classification and treatment of childhood Pneumonia.
7. MDR and XDR Tuberculosis treatment strategy.
8. Macrophage Activation Syndrome.
9. Diagnosis, Pathogenesis and Management of Toxic Shock Syndrome.
10. Digoxin Toxicity.
