

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(DCH 0522)

MAY 2022

Sub. Code: 3013

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
APPLIED BASIC SCIENCES RELATED TO PAEDIATRICS**

Q.P .Code: 343013

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe Portal venous system. Discuss the Classification, aetiology, clinical features and diagnosis of Portal hypertension in a child.
2. Describe the fetal circulation and the changes that occur after birth. Discuss the evaluation of a newborn baby with cyanosis.

II. Write notes on:

(10 x 7 = 70)

1. Liver function tests and its interpretation.
2. Inotropic agents.
3. Visual pathway.
4. Serological markers for Hepatitis B.
5. Fetal diagnosis.
6. Breast feeding reflexes in the mother.
7. Glomerular filtration rate.
8. Cleft lip and cleft palate.
9. Anti viral drugs.
10. Pathogenesis of asthma.
