

**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. Discuss the fetal circulation, its physiology and changes that occur after birth in a neonate.
2. Describe the CSF pathways. List the classifications and causes of hydrocephalus.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Peripheral arterial pulse and its importance in Clinical Practice.
2. Pleural fluid findings in various disease conditions.
3. CBNAT.
4. Life cycle of malarial parasite.
5. Breastfeeding reflex in the mother.
6. Growth charts.
7. Liver function test.
8. Broncho pulmonary segments.
9. Probiotics and its uses.
10. Levitracetam.

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