

QP Code:101183

Reg. No:.....

**P G Diploma Supplementary Examinations in Child Health (DCH)  
December 2020**

**Paper I – Basic Sciences as Applied to Paediatrics**

**Time: 3 Hrs**

**Max Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Describe circle of Willis. Mother has brought 3-year-old boy with history of weakness of right upper and lower limb since 3 hours. How will you approach the patient.

**Short Essays:**

**(8x10=80)**

2. Discuss iron metabolism. Describe management of iron deficiency anaemia in children.
3. List the congenital anomalies of small intestine, colon and rectum. Describe the diagnostic approach.
4. Evaluation of recurrent UTI (Urinary Tract Infections).
5. Importance of peripheral blood smear examination in children.
6. Pathophysiology of dengue haemorrhagic fever.
7. Discuss coagulation cascade. How will you manage haemophilia A with inhibitors.
8. Pulmonary function tests.
9. Uses of monoclonal antibodies.

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