

QP Code:101183

Reg.No:.....

P G Diploma Examination in Diploma in Child Health (DCH) – May 2016

Paper I –Basic Sciences as Applied to Paediatrics

Time : 3 Hrs

Max Marks: 100

- *Answer all questions*
- *Draw diagram wherever necessary*

Essay:

(20)

1. Describe the foetal circulation and discuss the hemodynamics and management of Fallot's tetralogy

Short Essays:

(8x10=80)

2. Anatomy of ductus arteriosus.
3. Circle of willis and its importance.
4. Vitamin B₁₂ metabolism and add a note on schilling's test
5. Mechanism of action, dosage and adverse effects of digoxin.
6. Histological changes of chronic active hepatitis .
7. Posterior urethral valve.
8. Vital capacity.
9. Discuss the functions, recommended dietary allowance and dietary source of vitamin D
