

QP Code:101183

Reg. No:.....

**P G Diploma Supplementary Examinations in Child Health (DCH)
October 2018**

Paper I – Basic Sciences as Applied to Paediatrics

Time: 3 Hrs

Max Marks: 100

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

Essay:

(20)

1. A 2-years old child is assessed for growth. The weight is 6 kg, length 80 cm and mid-arm circumference 9.7 cm. Classify the nutrition status according to WHO and IAP classifications. Discuss the underlying and immediate causes of this condition.

Illustrate the relationships of the factors by a flow diagram.

(3+8+5+4)

Short Essays:

(8x10=80)

2. Hypothalamic-Pituitary-Adrenal axis
3. Hyponatremia
4. Temperature homeostasis in a new born
5. Pathophysiology of severe acute malnutrition
6. Early and late phase reactions in the allergic cascade seen in asthma
7. Steps in reading a scientific paper
8. Principles of ethics
9. Polio and measles - rubella strategies
