

M... ..  
G...

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**POSTGRADUATE DIPLOMA IN CHILD HEALTH EXAMINATION**  
**OCTOBER 2016**

**Date :** 6<sup>th</sup> October 2016

**Time:** 9.30 a.m. – 12.00 noon

**STRUCTURED ESSAY PAPER**

**Answer all five questions.**

**Answer each question in a separate book.**

1. Following a landslide, around 200 families are displaced and given temporary shelter. You are visiting the camp early in the emergency.
  - 1.1 Mention five (5) key information you would like to obtain to assess the situation of infant and young child feeding. (25 marks)
  - 1.2 On your visit, you noticed relief packages containing feeding bottles and infant formula. What measures would you take? (25 marks)
  - 1.3 What nutritional interventions will help to prevent and treat under-nutrition among children less than five years in this situation? (25 marks)

Three days later, when you visited, you are asked to see a 22 year old mother with her 3 month old infant. Both of them look healthy. Mother is worried that she does not have enough milk and she had given 2 formula feeds per day for 2 weeks.

Child Health Development Record (CHDR) shows normal growth (weight /age) since birth.

- 1.4 How would you help this mother? (25 marks)
- 
2.
    - 2.1 Enumerate the clinical features which would help you to assess and monitor a child diagnosed to have chronic asthma. (45 marks)
    - 2.2 What are the principles of management of exercise induced asthma? (15 marks)
    - 2.3 List five (5) causes of chronic persistent cough other than asthma in children. (10 marks)
    - 2.4 Name six (6) investigations you would perform, with reasons in a child with chronic cough who is not responding to standard prophylaxis in asthma. (30 marks)

Contd.../2-

3. A seven year old boy who has never been dry at night with no day time symptoms was brought to the paediatric clinic.

3.1 In your initial assessment of this child, to arrive at a diagnosis

3.1.1 list five (5) relevant information in the history. (20 marks)

3.1.2 list five (5) important physical findings. (20 marks)

3.2 Outline the management. (40 marks)

This child is planning to go on a two-day school trip and his mother is worried about bed wetting.

3.3 What is your management? (20 marks)

4. A baby is delivered by an emergency caesarean section at 28 weeks of gestation.

4.1 List four (4) immediate problems that you would anticipate in this baby. (20 marks)

4.2 What screening procedures would you plan at discharge from the neonatal ward? (30 marks)

At four months of age CHDR shows flattening of growth curve.

4.3 List four (4) possible causes and action you would take at this stage. (25 marks)

At eight months of age the child has no head control.

4.4 List five (5) steps that you would take at this stage. (25 marks)

MASTER COPY  
JWF

5. A 3 month old infant was brought to the well-baby clinic due to episodic crying spells during the preceding week.

Mother has noted that these episodes are common when the baby falls asleep. Crying was associated with repeated flexion of upper limbs.

- 5.1 What is the most likely diagnosis? (10 marks)
- 5.2 Mention two (2) other possibilities to be considered here. (20 marks)
- 5.3 Mention ten (10) causes for the condition mentioned in 5.1. (30 marks)
- 5.4 Give five (5) specific diagnostic tests/special examination procedures that should be done on this baby. (25 marks)
- 5.5 What is the general prognosis and the factors that predict the outcome of the condition mentioned in 5.1? (15 marks)