

NATIONAL UNIVERSITY OF IRELAND, GALWAY

Ollscoil na hEireann, Gailliamh

5MB WINTER EXAMINATIONS 2003

PAEDIATRICS

*Professor B.G. Loftus
Dr. O. Flanagan*

PART 1

TIME ALLOWED: 1 Hour

3-HOUR PAPER IN TOTAL [PART 1 + PART 2].

***N.B. PLEASE ANSWER SECTION A & SECTION B ON SEPARATE
ANSWER BOOKS***

SECTION A

An 8 year old boy presents with a 3 week history of polyuria and polydypsia. Clinically he is ketotic and has 10% dehydration, weight 30 kilograms. Blood sugar is 35 mmol and pH is 7.1 with a marked metabolic acidosis. Outline your approach to management.

SECTION B

A mother is worried that her 2 year old boy is having recurrent ear, throat and chest infections. Outline your approach to history, examination and investigation.

/P.T.O.

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P A E D I A T R I C S

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PART II

TIME ALLOWED: 2 HOURS:
N.B. ANSWER SECTION A & SECTION B ON SEPARATE
ANSWER BOOKS.
ANSWER ALL 4 QUESTIONS

SECTION A

- Q.1. (a) What are the maternal and foetal risk factors for birth asphyxia?
 (b) What are the immediate complications of severe birth asphyxia for the newborn?
 (c) What are the features of Down syndrome in the newborn?
 (d) What are the major complications of extreme prematurity?
- Q.2 (a) Write a note on the aetiology of cerebral palsy.
 (b) What are the side effects of Sodium Valpoate, Carbamazepine and Phenobarbitone?
 (c) Write a note on infantile spasms.
 (d) Write a short note on Duchenne muscular dystrophy.

SECTION B

- Q.1 (a) What are the features of inflammatory bowel disease in childhood?
 (b) How is the diagnosis of coeliac disease established?
 (c) What are the causes of gut obstruction in the newborn?
 (d) Write a note on the diagnosis of appendicitis in children.
- Q.2 (a) What are the risk factors for urinary infection in children?
 (b) What are the causes of hypertension in children?
 (c) Outline the management of constipation with overflow soiling in a 6 year old.
 (d) What are the therapeutic options for persistent nocturnal enuresis in a 12 year old girl?