

Ollscoil na hÉireann, Gaillimh

5MB SUMMER EXAMINATION 1998

**P A E D I A T R I C S**

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**P A R T    I I**

**TIME ALLOWED : 2 HOURS**

**PLEASE ANSWER SECTION A AND SECTION B ON SEPARATE ANSWER BOOKS.**

**SECTION A**

1.
  - a. What are the complications of extreme prematurity? (< 30 weeks).
  - b. What conditions do we aim to detect by clinical and biochemical screening of the newborn?
  - c. What are the causes of neonatal seizures?
  - d. What are the likely causes of tachypnoea in a newborn infant at term
2.
  - a. What are the major side effects of sodium valproate and carbamazepine?
  - b. List some indications for ventriculoperitoneal shunting.
  - c. What are causes in failure to walk at 18 months in a boy?
  - d. List likely problems in a young child with spina bifida
3. Write brief notes on the pathophysiology, clinical features and recurrence risk of the following conditions:
  - a. Haemophilia A
  - b. Cystic Fibrosis
  - c. Phenylketonuria
  - d. Achondroplasia.

**SECTION B**

1. Write short notes on the management of
  - a. Bronchiolitis
  - b. Pneumonia in a 12 year old
  - c. Acute severe asthma
  - d. Croup
2.
  - a. What are the signs and symptoms of heart failure in infancy
  - b. Outline the management of supraventricular tachycardia in infancy
  - c. Write a note on Fallot's Tetralogy.
  - d. What are the causes of hypertension in a 5 year old?
3.
  - a. Tabulate the immunisation programme in Ireland.
  - b. What are the causes of gastroenteritis?
  - c. Outline the investigation of a 6 month old infant with a previously documented urinary tract infection.
  - d. What are the features of Henoch-Schonlein Purpura.