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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PAEDIATRICS) DEGREE EXAMINATION – JULY 2023**

**PAPER I**

Monday, July 03, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Essay Questions:**

1. Discuss the clinical features and management of Precocious Puberty in boys. (15 marks)

2. Discuss the development of the branchial arches and outline the approach to management of an infant with stridor. (15 marks)

3. **Short Notes:**

3A. Vitamin Dependency States

3B. Fetal Circulation

3C. Breath holding spells

3D. Hypertriglyceridemia

3E. Umbilical Catheterization

3F. Congenital lobar emphysema

3G. Psychosocial issues in adolescents

3H. Nutrition in the first 1000 days of life

3I. Urine examination to identify renal dysfunction

3J. Counselling in a terminally ill neonate.

(7 marks × 10 = 70 marks)



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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PAEDIATRICS) DEGREE EXAMINATION – JULY 2023**

**PAPER II**

Tuesday, July 04, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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**✍ Essay Questions:**

1. Discuss the etiology, clinical features and management of severe acute malnutrition in children

(15 marks)

2. Twenty five days old male neonate is brought to OPD for persistent jaundice and failure to gain weight. Discuss the approach to management.

(15 marks)

3. **Write short notes on:**

3A. Sibling death impact on children

3B. Neonatal transport

3C. Seizures in the Newborn

3D. Surfactant

3E. Bubble CPAP in the NICU

3F. Diet in a Child with Renal disease

3G. Non nutritional properties of Breast milk

3H. Birth trauma

3I. Fetal therapy

3J. Government of India initiatives to promote Child Health

(7 marks × 10 = 70 marks)



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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PAEDIATRICS) DEGREE EXAMINATION – JULY 2023**

**PAPER III**

Wednesday, July 05, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**⌘. Long Essay:**

1. Discuss the Clinical features of dengue fever and management of Dengue hemorrhagic fever and dengue shock syndrome (severe dengue).

(15 marks)

2. Discuss the Clinical features, classification and management of JIA (juvenile idiopathic arthritis).

(15 marks)

**3. Write short notes on:**

3A. Kawasaki disease and its management.

3B. Treatment of childhood tuberculosis

3C. Acute hepatic failure

3D. Diagnostic criteria of staphylococcal toxic shock syndrome

3E. Pertussis.

3F. Genetic Counselling

3G. Clinical features and management of a child with acute ITP

3H. Updated Jones criteria and write treatment of acute rheumatic fever

3I. H1N1 pneumonia

3J. Management of hyperkalemia in PICU

(7 marks × 10 = 70 marks)



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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PAEDIATRICS) DEGREE EXAMINATION – JULY 2023**

**PAPER IV**

Thursday, July 06, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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✍ **Answer ALL questions.**

✍ **Essay Questions:**

1. Discuss the pathogenesis, clinical features, management and long term prognosis of acute disseminated encephalomyelitis in children

(15 marks)

2. Three year old child presents with failure to thrive and recurrent respiratory infections. Discuss approach to diagnosis.

(15 marks)

3. **Write short notes on:**

3A. Stem cell Transplantation

3B. Endocrine manifestations in Thalessemia

3C. Hyponatremia

3D. Critical Illness neuropathy

3E. Macrophage activation syndrome

3F. Ambiguous genetalia

3G. Substance abuse in adolescents

3H. Biologic Drugs

3I. Steroid toxicity

3J. Cochlear Implant

(7 marks × 10 = 70 marks)

