

Reg. No.

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PAEDIATRICS) DEGREE EXAMINATION – JUNE 2020**  
**SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS**

Wednesday, June 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. Discuss the clinical features and management of malrotation of gut. (15 marks)
2. Discuss the etiology, pathogenesis and clinical features of congenital adrenal hyperplasia. (15 marks)

3. **Write short notes on:**

- 3A. Vitamin B12
- 3B. Lactic acidosis
- 3C. Pica
- 3D. Cefipime
- 3E. Genetic counselling in Thalassemia Major
- 3F. Baby Friendly Hospital Initiative
- 3G. Hypoalbuminemia
- 3H. ADHD
- 3I. Diagnostic tests in dengue fever
- 3J. Developmental assessment of a nine month old infant

(7 marks × 10 = 70 marks)



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**MD (PAEDIATRICS) DEGREE EXAMINATION – JUNE 2020**  
**SUBJECT: PAPER II: NEONATOLOGY AND COMMUNITY PAEDIATRICS**

Thursday, June 04, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Essay Questions:**

1. Discuss etiology and clinical manifestations of birth asphyxia. (15 marks)
  
2. Discuss measures to reduce infant mortality. (15 marks)

3. **Write short notes on:**

- 3A. Extra uterine growth restriction (EUGR)
- 3B. Management of PPHN
- 3C. Child marriage
- 3D. Management of neonatal seizures
- 3E. Special Newborn Care Unit
- 3F. Nocturnal enuresis
- 3G. Internet addiction
- 3H. Legal child adoption
- 3I. Investigations in Rh incompatibility
- 3J. Detection of congenital hip dislocation

(7 marks × 10 = 70 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION****MD (PAEDIATRICS) DEGREE EXAMINATION – JUNE 2020****SUBJECT: PAPER III: GENERAL PAEDIATRICS INCLUDING ADVANCES IN  
PAEDIATRICS RELATING TO CLUSTER – I SPECIALITIES**

Friday, June 05, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the clinical approach in a 10 year old female child with fever and pallor noted since last one month. Describe the management.

(15 marks)

2. Define shock. What are the types of shock? Outline your approach towards diagnosis and management of septic shock in a one year old child.

(15 marks)

3. **Write short notes on:**

3A. Von Willebrand disease - types, clinical features and its management

3B. Dengue hemorrhagic shock

3C. Genetic counselling and prenatal diagnosis of Down syndrome

3D. Subacute sclerosing panencephalitis

3E. Highly active antiretroviral therapy

3F. Histiocytosis syndromes of childhood

3G. Oseltamivir

3H. Rheumatoid factor

3I. Reverse cold chain

3J. Leptospirosis

(7 marks × 10 = 70 marks)



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**MD (PAEDIATRICS) DEGREE EXAMINATION – JUNE 2020**

**SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING ADVANCES IN  
PAEDIATRICS RELATING TO CLUSTER – II SPECIALITIES**

Saturday, June 06, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the clinical approach and management of one year old floppy child. (15 marks)

2. Discuss the causes, clinical features and management of acute renal failure in a five year old male child. (15 marks)

3. **Write short notes on:**

3A. Therapeutic approaches for management of chronic diarrhoea

3B. Wilson's disease: clinical features and management

3C. Cystic fibrosis – Approach to diagnosis

3D. Management of cardiogenic shock

3E. Management of acute variceal bleeding

3F. Pulmonary function tests

3G. Ondine curse

3H. Sudden infant death syndrome

3I. Eosinophilic lung disease

3J. Pulseless disease

(7 marks × 10 = 70 marks)

