

MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2018
SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS

Monday, April 02, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.

✍ Essay Question:

1. Discuss the etiology and clinical features of severe protein energy malnutrition in children.
(15 marks)

2. What are the physiological changes occurring during puberty? Briefly describe the disorders related to puberty.
(15 marks)

3. **Write short notes on:**

3A. Nutritional rickets

3B. Complementary feeding

3C. Oseltamivir

3D. Obesity and metabolic syndrome in adolescents

3E. Short stature

3F. Congenital hypothyroidism

3G. Metabolic functions of liver

3H. Encopresis

3I. Organic acidemias

3J. Arterial blood gas analysis

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2018
SUBJECT: PAPER II: NEONATOLOGY AND COMMUNITY PAEDIATRICS

Tuesday, April 03, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essay:**

1. Discuss the causes, clinical features, evaluation and management of neonatal seizures.
(15 marks)

2. Discuss the causes, clinical features and treatment of neonatal septicemia.
(15 marks)

3. **Write short notes on:**

3A. Immunological benefits of breast milk

3B. New born resuscitation

3C. Infant of a diabetic mother

3D. Hypoglycemia in the neonate

3E. Adoption

3F. Infant mortality rate

3G. Hirschsprung's disease

3H. Iodine deficiency control program

3I. Neonatal Screening

3J. Vaccine preventable Deaths

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2018
SUBJECT: PAPER III: GENERAL PAEDIATRICS INCLUDING ADVANCES IN
PAEDIATRICS RELATING TO CLUSTER – I SPECIALITIES

Wednesday, April 04, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Essay Questions:

1. A 10 year old is brought with history of fever, rash and joint pains for last 1 week. Outline the approach to the problem and work up of the case.

(15 marks)

2. Write briefly about the aetiology, clinical features, differential diagnosis and management of croup.

(15 marks)

3. **Write short notes on:**

3A. Hypothyroidism – clinical features and long term management.

3B. Pharmacotherapy for pulmonary hypertension.

3C. Management of primary VUR.

3D. Work up of a child with suspected immuno-deficiency.

3E. Congenital talipes equinovarus.

3F. PFIC (Progressive Familial Intrahepatic Cholestasis).

3G. Management of multidrug resistant tuberculosis.

3H. Long term management and follow up of Downs Syndrome.

3I. Catract in pediatric population.

3J. Kerosene poisoning.

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2018

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

Thursday, April 05, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Discuss the long term management of a child with Insulin dependent Diabetes Mellitus.
(15 marks)
2. Discuss treatment of toxic shock syndrome with necrotizing facitis.
(15 marks)

3. **Short Notes:**

- 3A. Erythema Nodosum
- 3B. Renal Tubular Acidosis
- 3C. Office management of Croup
- 3D. Cochlear Implant
- 3E. Sleep apnea
- 3F. Serum Ferritin
- 3G. Management of systemic onset Juvenile Idiopathic Arthritis
- 3H. Genetics of Vonwillibrands Disease
- 3I. Immunodeficiency and the intestine
- 3J. Management of Viper bite

(7 marks × 10 = 70 marks)

