

MANIPAL UNIVERSITY

MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS

Tuesday, April 01, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays.

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

2. Discuss the metabolic functions of the liver. (15 marks)

3. Write short notes on:

- 3A. Vitamin Dependency States
- 3B. Anion Gap
- 3C. Pica
- 3D. Hypercholesterolemia
- 3E. Central Venous Catheterization
- 3F. Cleft Palate
- 3G. Enuresis
- 3H. First year feeding problems
- 3I. Albinism
- 3J. Counselling in Down syndrome

(7×10 = 70 marks)



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MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER II: NEONATOLOGY AND COMMUNITY PAEDIATRICS

Wednesday, April 02, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays.

1. Discuss the clinical manifestations and management of Necrotising enterocolitis. (15 marks)
2. Define a case of acute flaccid paralysis (AFP). Describe in detail how you conduct a surveillance of AFP. (15 marks)
3. Write short notes on:
 - 3A. Conjugated hyperbilirubinemia in newborn
 - 3B. NRHM programe
 - 3C. Under five clinic
 - 3D. Vitamin D deficiency rickets
 - 3E. Complementary feeding.
 - 3F. Fetal origin of adult diseases
 - 3G. Laryngeal mask airway
 - 3H. Therapeutic hypothermia in asphyxiated newborn
 - 3I. Developmental dysplasia of hip
 - 3J. Child labour

(7×10 = 70 marks)



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MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER III: GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS RELATING TO CLUSTER – I SPECIALITIES

Thursday, April 03, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss the etiopathogenesis, clinical features and management of Tubercular Meningitis.
(15 marks)

2. Discuss the approach to management of a four month infant with fever of ten days duration and no focus on examination.
(15 marks)

3. **Write short notes on :**

3A. Long term sequelae of Kawasaki Disease

3B. Antinuclear Antibody

3C. Bone marrow transplant

3D. MESNA

3E. Treatment of complicated Malaria

3F. Prognostic factors of acute Leukemia

3G. H. Pylori

3H. Scabies treatment

3I. Congenital dyserythropoietic anemia

3J. Diagnosis of Macrophage activation syndrome

(7×10 = 70 marks)



MANIPAL UNIVERSITY**MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING ADVANCES IN
PAEDIATRICS RELATING TO CLUSTER – II SPECIALITIES**

Friday, April 04, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss the causes, clinical features and treatment of chronic renal failure in a 10yr old male child.

(15 marks)

2. Discuss the causes and evaluation of hypertension in a 10yr old child.

(15 marks)

3. **Write short notes on :**

3A. Causes and evaluation of tall stature

3B. Management of febrile neutropenia

3C. Varicella vaccine

3D. Giardiasis

3E. Acute pancreatitis

3F. Accidental paraquat ingestion

3G. Evaluation of ataxia in 8 year old child

3H. Management and long term follow up of hypothyroid

3I. Wilms Tumor

3J. Current concepts in treatment of CCF

(7×10 = 70 marks)



