

**MANIPAL UNIVERSITY****MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2015****SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS**

Wednesday, April 01, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**✍ Answer ALL the questions.****✍ Essay questions.**

1. Discuss the factors affecting growth in children. Mention briefly the cognitive development in first 3 years of life.

(15 marks)

2. Discuss the role of ultrasonography in pediatric diagnostic evaluation.

(15 marks)

**3. Write short notes on:**

3A. Vitamin E

3B. Hypernatremic dehydration

3C. Growth Charts

3D. Temper Tantrums

3E. Anticipatory Guidance by Pediatrician

3F. Surfactant

3G. Screening Tests in School Age Children

3H. Insulin resistance

3I. Chemical mediators of Allergic reactions

3J. Fever patterns in children

(7 marks × 10 = 70 marks)



**MANIPAL UNIVERSITY****MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2015****SUBJECT: PAPER II: NEONATOLOGY AND COMMUNITY PAEDIATRICS**

Thursday, April 02, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Question:**

1. Discuss the approach to a neonate with Cholestasis. (15 marks)

2. Discuss the Government initiatives to improve child health in India. (15 marks)

3. **Write short notes on:**

3A. Laboratory Investigations in Neonatal Seizures

3B. Acute Flaccid Paralysis Surveillance

3C. Pneumococcal Vaccines

3D. Osteopenia of Prematurity

3E. Pathogenesis of hypoxic ischaemic encephalopathy

3F. Insulin like growth factors

3G. Near Drowning

3H. Baby friendly hospitals Initiative

3I. Role of Phenobarbitone in neonatal jaundice

3J. Treatment of viral infections in the newborn

(7 marks × 10 = 70 marks)



**MANIPAL UNIVERSITY****MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2015****SUBJECT: PAPER III: GENERAL PAEDIATRICS INCLUDING ADVANCES IN  
PAEDIATRICS RELATING TO CLUSTER – I SPECIALITIES**

Saturday, April 04, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Question:**

1. 7 year old girl was brought to the hospital with history of recurrent pneumonia for evaluation. How will you evaluate and plan the treatment?

(15 marks)

2. What is passive immunization? Describe the indications for passive immunization in children.

(15 marks)

3. **Write short notes on:**

3A. Acute otitis media

3B. Febrile neutropenia

3C. Rituximab

3D. Rickettsial diseases

3E. Thiamine in health and disease

3F. Compare and contrast normal saline and ringer lactate

3G. ADEM

3H. Muscarinic effects of organophosphorous poisoning

3I. Systemic lupus erythematosus

3J. Nutritional recovery syndrome

(7 marks × 10 = 70 marks)



## MANIPAL UNIVERSITY

## MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2015

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

Monday, April 06, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Essay Question:

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

2. Discuss the management of status asthmaticus. (15 marks)

3. Write short notes on:

3A. Causes and evaluation of delayed puberty

3B. Iv Ig therapy in children

3C. Acellular pertussis vaccine

3D. Cysticercosis

3E. Short bowel syndrome

3F. Pneumothorax

3G. Bell palsy

3H. Aplastic anemia

3I. GERD

3J. Treatment of non-Hodkins lymphoma

(7 marks × 10 = 70 marks)

