

**MANIPAL UNIVERSITY**  
**PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) 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 questions.**

1. Write on development of human reproductive system. (15 marks)
  
2. Describe physiology of puberty. (15 marks)
  
3. **Write short notes on:**
  - 3A. Haematopoiesis
  - 3B. Blood pressure as a vital sign
  - 3C. Regulation of blood glucose level in a neonate
  - 3D. Drug elimination from body
  - 3E. Calcium metabolism
  - 3F. Oseltamivir
  - 3G. Portosystemic anastomoses
  - 3H. PEFr
  - 3I. Humoral immunity
  - 3J. Renal function assessment

(7 marks × 10 = 70 marks)



**MANIPAL UNIVERSITY****PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) 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.**

1. Discuss the complications, approach and management of a baby born at 32 weeks of gestation.  
(15 marks)
2. Discuss the causes and prevention of nosocomial infection in the neonatal nursery.  
(15 marks)
3. **Write short notes on:**
  - 3A. Evaluation of fetal well being
  - 3B. Kangaroo mother care
  - 3C. Infant mortality rate and measures to reduce it
  - 3D. Anticipatory guidance
  - 3E. Baby friendly hospital initiative
  - 3F. Anaemia in the newborn
  - 3G. Hypoglycemia causes and treatment in the newborn
  - 3H. Neonatal Transport
  - 3I. Adoption
  - 3J. Gender discrimination

(7 marks × 10 = 70 marks)



## MANIPAL UNIVERSITY

PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – APRIL 2015  
SUBJECT: PAPER III: PAEDIATRIC MEDICINE

Saturday, April 04, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. A seven year old male child is brought with history of fever and severe pallor of one week duration. What points in history and examination will help you to arrive at a likely etiological diagnosis? (15 marks)

2. Discuss the management of severe acute malnutrition. (15 marks)

3. Write short notes on:

3A. Approach to a child with tall stature

3B. Septic shock management

3C. Umbilical hernia

3D. Polycystic Ovarian Syndrome

3E. Sinusitis

3F. Management of status epilepticus

3G. Natural history of ventricular septal defect

3H. Snake bite

3I. Diet management of Diabetic children

3J. Oxygen therapy in PICU

(7 marks × 10 = 70 marks)

