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# MANIPAL UNIVERSITY

PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – APRIL 2017

SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS

Monday, April 03, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. Discuss the causes of metabolic acidosis. Briefly discuss the management of diabetic ketoacidosis.

(15 marks)

2. Discuss the milestones of development at 9 months of age. Briefly discuss the causes of isolated gross motor delay.

(15 marks)

3. **Write short notes on:**

3A. Hypocalcemia in children

3B. Vitamin C deficiency

3C. Turner syndrome

3D. SIADH (syndrome of inappropriate anti diuretic hormone)

3E. Battered baby syndrome

3F. Conditions appropriate for Palliative care in children

3G. Arm span and upper – lower segment ratio in Paediatrics

3H. Embryology of excretory system

3I. Anti hypertensive drugs

3J. Language development

(7 marks × 10 = 70 marks)



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## MANIPAL UNIVERSITY

PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – APRIL 2017

SUBJECT: PAPER III: PAEDIATRIC MEDICINE

Wednesday, April 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.

✍ Long Essays:

1. Discuss the etiology, clinical features and evaluation of a case of resistant rickets. (15 marks)
2. Discuss the causes and management of a case of hyperkalemia. (15 marks)

3. Write short notes on:

- 3A. DTaP Vaccine
- 3B. Gastroesophageal reflux disease
- 3C. Amphoterecin B
- 3D. Cyanotic spell – causes, clinical features and management
- 3E. Differential diagnosis of Microcytic hypochromic anaemia in a 3 year old baby
- 3F. Evaluation of a case of recurrent UTI in a 2 year old male child
- 3G. MRSA (Methicillin resistant staphylococcus aureus)
- 3H. Management of Hydrocephalus
- 3I. Investigation of 5 year old with proportionate short stature
- 3J. Etiopathogenesis of asthma

(7 marks × 10 = 70 marks)



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# MANIPAL UNIVERSITY

PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – APRIL 2017

SUBJECT: PAPER II: NEONATOLOGY AND COMMUNITY PAEDIATRICS

Tuesday, April 04, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. Discuss the approach and management of a 32wk old preterm weighing 1kg admitted with respiratory distress at 2 hours of life. (15 marks)

2. Write briefly on gestational age assessment at birth. (15 marks)

3. **Write short notes on:**

- 3A. CPAP in neonatal care
- 3B. Infant mortality rate
- 3C. School friendly initiative
- 3D. Pica
- 3E. High risk infant
- 3F. Anticipatory guidance
- 3G. Polycythemia in newborn
- 3H. Neonatal mortality
- 3I. IMNCI
- 3J. CHILD ABUSE

(7 marks × 10 = 70 marks)

