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MANIPAL ACADEMY OF HIGHER EDUCATION

PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) 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 the questions.**

✍ **Long Essays:**

1. Discuss the CSF pathway and the normal constituents of Cerebrospinal fluid. (15 marks)
2. Discuss the normal physiology of puberty. (15 marks)

3. **Write short notes on:**

- 3A. Development of atrial septum
- 3B. Immunological advantages of breast feeding
- 3C. Cyclosporin
- 3D. Head circumference in children
- 3E. Developmental assessment at 18 months of life
- 3F. PEFr
- 3G. Antioxidants
- 3H. ZINC
- 3I. Embryology of Trachea eosophageal fistula
- 3J. DDST

(7 marks × 10 = 70 marks)



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PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) 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 Essays:**

1. Discuss the causes, clinical features, complications, prevention and management of hypoxemic ischaemic encephalopathy.

(15 marks)

2. Discuss the management of neonatal hyperbilirubinemia.

(15 marks)

3. **Write short notes on:**

3A. Juvenile delinquency

3B. Umbilical hernia

3C. Small for gestational age

3D. Congenital hypothyroidism detection in newborn period

3E. Fetal alcohol syndrome

3F. APGAR score

3G. Acute respiratory infection control programme

3H. Millenium Development Goals

3I. Causes for perinatal mortality

3J. Anganwadi

(7 marks × 10 = 70 marks)



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PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – APRIL 2018

SUBJECT: PAPER III: PAEDIATRIC MEDICINE

Wednesday, April 04, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. Discuss the clinical features, complications and management of falciparum malaria in a 6 year old child.

(15 marks)

2. Discuss the indications for packed cell transfusion therapy in children.

(15 marks)

3. **Write short notes on:**

3A. Hepatitis A vaccine

3B. Mantoux test

3C. Pseudocyst of pancreas

3D. Enalapril

3E. Treatment of status epilepticus

3F. Age independent criteria for evaluation of malnutrition

3G. IvIg therapy in children

3H. Management of moderate persistent asthma

3I. Approach to a neonate with cyanosis and grade IV systolic murmur

3J. Evaluation of 6 year old child with sudden spurt in height by 12 cms in 1 year

(7 marks × 10 = 70 marks)

