

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

Health Sciences Library

✍ Long Essays.

1. Write about the principles of immunization. Name the antigen, the content and adjuvant in the commonly used vaccines in the 1st 5 years of life. Add a note on cold chain and vaccine vial monitor.

(15 marks)

2. Write briefly on growth charts and its utility in paediatrics.

(15 marks)

3. Write short notes on :

3A. Development of the lung

3B. Composition (Biological properties) of breast milk and its nutritional advantages

3C. Rituximab (Anti-CD20) antibody

3D. Antioxidants

3E. Metabolic Syndrome

3F. Developmental Assessment in first year of life

3G. Side-lab CSF analysis and interpretation

(10×7 = 70 marks)



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

Health Sciences Library

✍ **Long Essays.**

1. A three day old baby is brought with severe jaundice. Outline your approach to the problem. How will you investigate and treat this baby.

(15 marks)

2. Discuss the complications of intra uterine growth retardation.

(15 marks)

3. **Write short notes on :**

3A. Integrated management of childhood illness in infants less than 2 months of age

3B. Oral rehydration therapy

3C. CPAP in neonatal care

3D. Polycythemia in newborn

3E. Juvenile delinquency

3F. Hypocalcemia causes and treatment in the newborn

3G. Evaluation of fetal well being

(10×7 = 70 marks)



MANIPAL UNIVERSITY**PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – APRIL 2014****SUBJECT: PAPER III: PAEDIATRIC MEDICINE**

Thursday, April 03, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.**Health Sciences Library****✍ Long Essays.**

1. Discuss the etiology, clinical features and evaluation of a four year old child with chronic recurrent wheeze.

(15 marks)

2. Discuss the management of Dengue shock syndrome.

(15 marks)

3. Write short notes on :

3A. Causes of short stature

3B. Chronic suppurative otitis media

3C. Attention deficit hyperactivity disorder

3D. Management of status epilepticus

3E. Causes of limping in a six year old child

3F. Treatment of Guillain Barre Syndrome

3G. H. Pylori infection

(10×7 = 70 marks)

