

MANIPAL ACADEMY OF HIGHER EDUCATION**PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – JUNE 2020****SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS**

Wednesday, June 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Discuss the development of inter atrial septum and the symptoms and signs of atrial septal defect.

(15 marks)

2. Discuss the management of severe dehydration following diarrhoea.

(15 marks)

3. Write short notes on:

3A. Hyponatremia in children.

3B. Vit A deficiency.

3C. Down syndrome.

3D. Disruptive behavioural disorder in children.

3E. Comorbidities of obesity-evaluation and testing.

3F. Pyridoxine.

3G. Causes and evaluation of tall stature.

3H. Pharmacokinetics and pharmacodynamics

3I. 3rd Generation cephalosporins

3J. Developmental Quotient

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – JUNE 2020****SUBJECT: PAPER II: NEONATOLOGY AND COMMUNITY PAEDIATRICS**

Thursday, June 04, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. A five day old neonate is brought with poor sucking for one day. Outline your approach to the problem. How will you proceed to investigate and manage a neonate with sepsis?

(15 marks)

2. Write briefly on etiology clinical features and management of HIE (Hypoxic Ischemic Encephalopathy) in the neonate.

(15 marks)

3. **Write short notes on:**

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

3B. Evaluation of foetal well being

3C. Maternal drugs during pregnancy

3D. Kangaroo mother care

3E. Perinatal mortality rate and steps to reduce it

3F. Neonatal resuscitation

3G. Oral rehydration therapy

3H. Malaria Control Program

3I. ICDS

3J. New born corner

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**PG DIPLOMA IN CHILD HEALTH (PAEDIATRICS) EXAMINATION – JUNE 2020****SUBJECT: PAPER III: PAEDIATRIC MEDICINE**

Friday, June 05, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. A three year old male is brought with poor urinary stream. He is found to be pale, achyphoic and hypertensive. Discuss the investigations and management of this case.

(15 marks)

2. Discuss the etiology and evaluation in a case of bronchiectasis.

(15 marks)

3. **Write short notes on:**

3A. Approach to a child with short stature

3B. Hypovolemic shock management

3C. Undescended testis

3D. Haemoglobin transition from conception to adulthood

3E. Febrile neutropenia

3F. Management of acute severe asthma

3G. Clinical features of hypothyroidism

3H. Growth Hormone Therapy

3I. Prevention of obesity

3J. Invasive monitoring in PICU

(7 marks × 10 = 70 marks)

