

**MANIPAL UNIVERSITY****MD (PAEDIATRICS) DEGREE EXAMINATION – OCTOBER 2016****SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS**

Monday, October 17, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.

✍ Essay Question:

1. Discuss the development of heart and the management of supraventricular tachycardia in a neonate. (15 marks)

2. Discuss the etiology and patho physiology of metabolic acidosis. (15 marks)

3. Write short notes on:

3A. Mid arm circumference

3B. Liver function tests

3C. Anorectal malformations

3D. Target milestones

3E. Soft neurological signs

3F. Lung function abnormalities in restrictive disorders

3G. Bone age

3H. Hyponatremia in a sick child

3I. Mendelian Inheritance

3J. Pyridoxine

(7 marks × 10 = 70 marks)



**MANIPAL UNIVERSITY****MD (PAEDIATRICS) DEGREE EXAMINATION – OCTOBER 2016****SUBJECT: PAPER II: NEONATOLOGY AND COMMUNITY PAEDIATRICS**

Tuesday, October 18, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.

✍ Essay Question:

1. Discuss the clinical features and management of hyaline membrane disease in newborn. Write briefly on the prevention.

(15 marks)

2. Discuss the national rural health mission and its role in improving child health.

(15 marks)

3. Write short notes on:

3A. Intra ventricular haemorrhage in neonates

3B. Procalcitonin

3C. Thrombocytopenia in newborn

3D. Classification and management of neonatal seizures

3E. Late metabolic acidosis

3F. Polio eradication in India

3G. Vitamin A prophylaxis

3H. Serum bilirubin in neonates

3I. Galactogogues

3J. Indications for prenatal ultrasonography

(7 marks × 10 = 70 marks)



**MANIPAL UNIVERSITY****MD (PAEDIATRICS) DEGREE EXAMINATION – OCTOBER 2016****SUBJECT: PAPER III: GENERAL PAEDIATRICS INCLUDING ADVANCES IN  
PAEDIATRICS RELATING TO CLUSTER – I SPECIALITIES**

Wednesday, October 19, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Essay Questions:

1. Discuss the causes, clinical presentation and treatment of Kawasaki Disease. (15 marks)

2. Discuss the causes, clinical features and investigation in a case of hydrocephalus. (15 marks)

3. Write short notes on:

3A. Hyperlipidemia in children

3B. Complications of staphylococcal infection

3C. Organophosphorus poisoning and management

3D. Management of variceal bleeding and hepatic encephalopathy

3E. Hypertension evaluation in children

3F. Ondansetron

3G. Evaluation of recurrent abdominal pain

3H. Complex febrile seizures

3I. Hospital Acquired Infections

3J. Ascariasis

(7 marks × 10 = 70 marks)



**MANIPAL UNIVERSITY****MD (PAEDIATRICS) DEGREE EXAMINATION – OCTOBER 2016****SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING ADVANCES IN  
PAEDIATRICS RELATING TO CLUSTER – II SPECIALITIES**

Thursday, October 20, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. A 10 year old is brought with deteriorating school performance. What points in history and examinations would help to arrive at a probable diagnosis. Discuss the work up of this child.  
(15 marks)
2. Write briefly about staging of chronic kidney disease and its supportive management.  
(15 marks)

3. **Write short notes on:**

- 3A. Transfusion dependent anemia – long term management
- 3B. Management of a child with severe acute malnutrition
- 3C. Hyponatremia
- 3D. Natural history in a child with ventricular septal defect
- 3E. Hypospadias
- 3F. Newer antiepileptic drugs
- 3G. Breath holding spells
- 3H. Neurodegenerative disorder
- 3I. Malabsorption syndromes
- 3J. Macrocytic anemia

(7 marks × 10 = 70 marks)

