

MANIPAL UNIVERSITY**MD (PAEDIATRICS) DEGREE EXAMINATION – OCTOBER 2017****SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS**

Tuesday, October 03, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Essay Question:**

1. Define blood pressure. Describe the factors affecting blood pressure and the methods of measuring blood pressure in neonates and children.

(15 marks)

2. Discuss the diagnostic utility of complete hemogram.

(15 marks)

3. **Write short notes on:**

3A. Glycosylated hemoglobin

3B. Hyperkalemia

3C. Influnza vaccine

3D. C Reactive protein

3E. Body mass index

3F. Developmental dysplasia of hip

3G. Vitamin K

3H. Total parenteral nutrition

3I. Rett's syndrome

3J. C D markers and their diagnostic importance

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PAEDIATRICS) DEGREE EXAMINATION – OCTOBER 2017**
SUBJECT: PAPER II: NEONATOLOGY AND COMMUNITY PAEDIATRICS

Wednesday, October 04, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essay:**

1. Discuss the causes, clinical features, evaluation and management of septicemia in the new born.

(15 marks)

2. Discuss the complications and treatment of hypoglycemia in the neonatal period.

(15 marks)

3. **Write short notes on:**

- 3A. Child abuse and neglect
- 3B. IMNCI care of 0-2 month old babies
- 3C. Assessment of fetal well being
- 3D. RDS – advances in management
- 3E. Anaemia in the neonate
- 3F. Microcephaly in neonate
- 3G. Prematurity complications and management
- 3H. Role of pediatrician in reducing IMR
- 3I. National vector borne disease central program
- 3J. Gender inequality

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PAEDIATRICS) DEGREE EXAMINATION – OCTOBER 2017****SUBJECT: PAPER III: GENERAL PAEDIATRICS INCLUDING ADVANCES IN
PAEDIATRICS RELATING TO CLUSTER – I SPECIALITIES**

Thursday, October 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Discuss the clinical problems in a child with cystic fibrosis and outline available treatment options.

(15 marks)

2. A five year old child with fever of seven days with rash and conjunctivitis presents to the clinic. Discuss the differential diagnosis.

(15 marks)

3. **Short Notes:**

3A. Outline principles of management of Wilms Tumor

3B. Tinea Versicolor treatment

3C. Sodoku fever: Clinical features and Management

3D. Interleukin 1 antagonist

3E. Pneumococcal vaccines

3F. Renal biopsy in Systemic lupus erythematosus

3G. Steroids in Bronchial Asthama

3H. Occult bacteremia

3I. Neurocutaneous markers

3J. Management of Cholestatic Jaundice

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PAEDIATRICS) DEGREE EXAMINATION – OCTOBER 2017****SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING ADVANCES IN
PAEDIATRICS RELATING TO CLUSTER – II SPECIALITIES**

Friday, October 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Discuss the pathogenesis, clinical features and management of acute bacterial meningitis in children.

(15 marks)

2. Two year old child presents with failure to thrive and recurrent respiratory infections. Discuss approach to diagnosis.

(15 marks)

3. **Short Notes:**

- 3A. Kidney Transplantation
- 3B. Diagnosis of Acute Rheumatic Fever
- 3C. Blastomycosis
- 3D. Neonatal surgical emergencies
- 3E. Platelet function defects
- 3F. Cerebral Salt Wasting
- 3G. Essential Hypertension in adolescence
- 3H. Biologic Drugs
- 3I. Salicylate toxicity
- 3J. Nyctalopia

(7 marks × 10 = 70 marks)

