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# MANIPAL UNIVERSITY

## MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2012

### SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS, GROWTH AND DEVELOPMENT

Monday, April 02, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ **Answer ALL the questions.**
- ✍ **Write answers that are brief, clear, relevant and legible. Illustrate wherever appropriate.**

1. Discuss adolescence.

(30 marks)

2. **Write short notes on:**

2A. Bone age

2B. Cerebrospinal fluid analysis in meningitis

2C. Growth charts

2D. Febrile seizures

2E. Autism

2F. Measles vaccine

2G. Habitual constipation

(10×7 = 70 marks)



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## MANIPAL UNIVERSITY

### MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER II: NEONATOLOGY, SOCIAL AND PREVENTIVE PAEDIATRICS, NUTRITION

Tuesday, April 03, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**✍ Answer ALL the questions.**

1. Discuss the nutritional status of children in a developing country and discuss the measure to overcome the chronic nutritional deficiency states.

(30 marks)

2. **Write short notes on:**

- 2A. Girl child and India
- 2B. LGA baby (Large for gestational age)
- 2C. Surfactant therapy
- 2D. School health
- 2E. Migration disorders of CNS
- 2F. Golden hour for the neonate
- 2G. UNICEF

(10×7 = 70 marks)



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## MANIPAL UNIVERSITY

### MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2012

**SUBJECT: PAPER III: IMMUNOLOGY, IMMUNE RELATED DISEASES, INFECTIOUS DISEASES, HAEMATOLOGY AND ONCOLOGY**

Wednesday, April 04, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL questions.**

1. Discuss the etiology, pathogenesis, clinical features and management of pyrexia of unknown origin.

(30 marks)

2. **Write short notes on:**

2A. Graft versus host disease

2B. Serum sickness

2C. Reactive arthritis

2D. Diamond – Blackfan syndrome

2E. Complications of Typhoid fever

2F. Granulocyte colony stimulating factor

2G. Methotrexate

(10×7 = 70 marks)



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## MANIPAL UNIVERSITY

### MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING PAEDIATRIC SURGERY

Thursday, April 05, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL questions.**

1. A two year old child is brought to you with history of recurrent UTI. He weighs 7Kg and is 75cms tall. How will you proceed to evaluate him? Outline your plan of management immediate and long term.

(30 marks)

2. **Write short notes on:**

- 2A. Infantile spinal muscular atrophy
- 2B. ALCAPA
- 2C. Progressive fibrosing intrahepatic cholestasis
- 2D. Botulinum Toxin
- 2E. Congenital Adrenal hyperplasia
- 2F. Sinusitis
- 2G. Oral Rehydration therapy

(10×7 = 70 marks)

